Met. O. 856a

METEOROLOGICAL OFFICE

Tables of temperature, relative humidity, precipitation and sunshine for the world

PART 1

North America and Greenland (including Hawaii and Bermuda)

HMSO

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PART I

North America and Greenland (including Hawaii and Bermuda)

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Preface

Since the first edition of this work (Met.O.617—*Tables of temperature, relative humidity and precipitation for the world*) was published in 1958, the demand for climatic tables of this kind from many sections of the community has increased. To meet this demand the present edition of the work has been completely revised. All values for the elements previously given have been recomputed from more recent data, and the tables have been extended to include sunshine values wherever possible. Metric units have been used throughout the work to conform with present practice, but a set of comprehensive conversion tables has been included as appendices for the benefit of those readers who prefer to use the original units. A large number of places have been added to those given previously but a few have necessarily been deleted.

It was stated in the preface to the second edition that tables in future volumes would be arranged in geographical zones, but this scheme has been abandoned because of the weight of opinion in favour of retaining national boundaries. Each volume is arranged by listing the countries and the places within each country in alphabetical order.

The six volumes of the revised work are grouped in the following manner:

Part I	North America, Hawaii, Bermuda and Greenland.
Part II	The West Indies, Central and South America, the Falkland Islands and Antarctica.
Part III	Europe and the Azores.
Part IV	Africa and the surrounding oceans.
Part V	Asia.
Part VI	Australasia and the Pacific (excluding Hawaii).

Once again thanks are due to Mr P. J. M. Geelan of the Permanent Committee on Geographical Names, 1 Kensington Gore, London SW7 2AR, for his painstaking work in checking the spelling of all the place names used in this publication.

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Explanatory notes

Period of years

The aim of this publication is to provide as much information as practicable within the standard climatological period 1931–60. Many of the tables are for this 30-year period but a large number are necessarily for a rather shorter period.

No attempt has been made to estimate missing data or to 'weight' the means to the standard period. Where tables are given for places for which data for the full 30-year period are not available, the averages are for as long a period as possible. In some cases the period has been extended beyond 1960 in order to obtain a reasonable number of years of record but in no case does the period extend back prior to 1931.

The overall period of years used in the preparation of each table is given in the table headings, but where unavoidable gaps occur in the observations, breaks of less than five years have not been specified. The actual number of years within the overall period for which data of each element could be used is shown at the foot of each column in the tables.

Sources of data

Recently published statistics of a country have been incorporated into this work if the period of years used was of a reasonable length and within the standard period 1931–60.

When means were not readily available the figures have been worked up from monthly, and in a few cases from daily, data published by the various countries.

Occasionally, where the above methods failed, tables or data have been requested from the Meteorological Service of the country concerned. Any information obtained in this way is acknowledged in the preface and listed in the bibliography as manuscript data supplied by the respective Meteorological Service.

The numbers which appear under 'Bibliography' at the top of the first column of each table refer to the references (sources of data) listed in the bibliography at the end of the volume. These references have been grouped under national headings to enable the reader to obtain a list of source books concerning the area in which he is interested without undue labour. This arrangement allows certain books to be referred to more than once, under different countries. Numbers are consecutive throughout.

Standard of time

The difference between the Local Mean Time (LMT) at any two places depends only on the difference in longitude between them. Since the earth makes one complete revolution in 24 hours, a difference of 15° in longitude corresponds to a time difference of 1 hour. In order to avoid the inconvenience which would arise if each place adopted its own LMT, the system of zone time was introduced and is now almost universally adopted. Under this system, national standards of time differ from one another by multiples of ½ hour or 1 hour, corresponding with 7½° or 15° of longitude.

Since the apparent motion of the sun is from east to west, the standard of time used in zones east of Greenwich is ahead of (i.e. a later time than) Greenwich Mean Time (GMT) and in zones west of Greenwich is behind (i.e. an earlier time than) GMT at the rate of 1 hour for every 15° of longitude.

All times given in the tables refer to the nearest meridian which is always in whole multiples of 7½° east or west of Greenwich. Thus, for a station in 71°W the time of 67½°W is used whereas for a station in 72°W the time of 75°W is used.

Position and height of stations

The positions (latitude and longitude) and heights of the stations (above or below mean sea level) are given at the top of each table. Some changes of site have occurred at a number of stations during the period of record used for the tables. However, in the case of the stations selected for inclusion in this work, the changes are not considered to be significant and are therefore not specified in the table headings, which give only the latest published position of each station.

Arrangement of tables and index

The tables have been arranged alphabetically within each country except in the case of very large countries where they have been arranged alphabetically within each state or province. Countries and states or provinces are arranged alphabetically as shown in the contents pages.

The index is arranged to facilitate reference. All cross-references give the page number in order to avoid unnecessary searches. Where a place is known by more than one name an effort has been made to list all such names both in the index and in the table headings. However, alternative names which are not in current usage have been deliberately left out.

In the index, the names of countries, states or provinces are printed in capital letters and the names of places in ordinary type.

Temperature

The temperature values given in the tables are air temperatures taken in the shade, the thermometers being mounted, inside special screens, at between 1·2 and 2 metres above ground level.

Thermometer screens are designed to permit free circulation of air around the thermometer bulbs and yet to afford shelter from precipitation, the direct rays of the sun, and heat radiated from the ground and neighbouring objects. The highest and lowest temperatures recorded during the 24 hours (between scheduled readings of the maximum and minimum thermometers) are known, respectively, as the daily maximum and daily minimum temperatures. The averages of these for each month and for the year as a whole are given in the tables. An approximation to the overall mean temperature for any month may be obtained by computing ½ (mean daily maximum + mean daily minimum).

The extreme values in each month of the daily maximum and daily minimum temperatures are known as the monthly maximum and monthly minimum temperatures respectively; averages of these values are given in the tables, except that the entries for the year (marked with an asterisk) are averages of the highest and lowest temperatures recorded in each year, regardless of the month of occurrence.

The entries in the last two columns of temperature in the tables are the absolute extremes which have been recorded during the entire period of observational record, used in the table, for each place.

Relative humidity

The relative humidity is normally calculated at fixed hours of observation and, as a rule, it is impracticable to give maxima or minima, or values at the times of minimum and maximum temperature. For most stations, therefore, means at specified hours in the morning and afternoon have been given in the tables. Where a choice has been possible, the values given are for those hours which are nearest to the normal times of minimum and maximum daily temperature, i.e. about sunrise and in the early afternoon. Values for the morning hour of observation are mostly a little lower than the maximum relative humidity, the difference depending on the difference in time between the hour of observation and sunrise, and on which is the earlier. Values for the afternoon hour of observation are mostly a little higher than the lowest relative humidity, but for hours between 1200 and 1500 local apparent time the difference is generally small. Provided a suitable choice of hours has been possible, the values of mean daily maximum temperature and of the afternoon relative humidity are closely associated in time, and so are those for mean daily minimum temperature and the morning relative humidity. At a few places the local climate actually produces higher relative humidities in the afternoon than in the morning.

Precipitation

'Precipitation' includes any deposit of moisture from the atmosphere. Rain, snow and hail are by far the commonest forms of precipitation but other forms such as dew and hoar-frost do contribute to the amounts measured. The amounts of precipitation given in the tables indicate the amount of liquid deposit (rain, drizzle, dew) and the water equivalent of any solid deposit (snow, hail, hoar-frost, rime). The values are the depths to which a flat, level surface would be covered with water if there were no losses due to evaporation, run-off or drainage.

The terms '24 h' and 'days', in the table headings, refer to periods of 24 hours between scheduled readings of the rain-gauge and are not coincident with the civil day.

The entries in the column headed 'average No. of days with . . . mm' correspond to various definitions of a 'rain-day' or 'day with rain'. These definitions vary from country to country, but in each case the criterion on which the figures are based is stated at the head of the column.

Sunshine

Some of the values given for sunshine are subject to slight discrepancies because of the variety of recording instruments in use in different countries. Four main types of sunshine recorder are in use: (a) the Campbell – Stokes pattern, (b) the Marvin pattern, (c) the Jordan pattern and (d) the Foster pattern. Of these the Campbell – Stokes recorder has been adopted by the World Meteorological Organization as the 'interim reference sunshine recorder', and readings of all other instruments should be adjusted to agree with those of this standard recorder. Although most countries have compared their instruments (which have not been specified in this volume) with the Campbell – Stokes recorder, the results of these comparisons are not incorporated into this publication because the averages quoted have been derived from monthly or daily values published by the various Meteorological Services before comparisons were made.

In these tables, the 'average monthly duration' under 'Bright sunshine' refers to the average of the monthly totals recorded and the next column gives the percentage of this average recorded duration of the maximum possible average monthly total. The maximum possible average monthly total means the average maximum duration of sunshine which is theoretically possible with cloudless skies at the relevant latitude between sunrise and sunset (sunrise and sunset being defined as the instant at which the upper limb of the sun appears to be in contact with the horizon, the effects of elevation and topography being ignored). This possible monthly total cannot be recorded by the standard recorders in use today (except in high latitudes on occasions when the sun shines for 24 hours per day) because the sunshine is not strong enough to register on the recorder when the sun is less than about 3° above the horizon. The maximum duration of sunshine recorded on any day in each month irrespective of the year of occurrence is given in the tables as well as the average number of days in each month with no sunshine recorded.

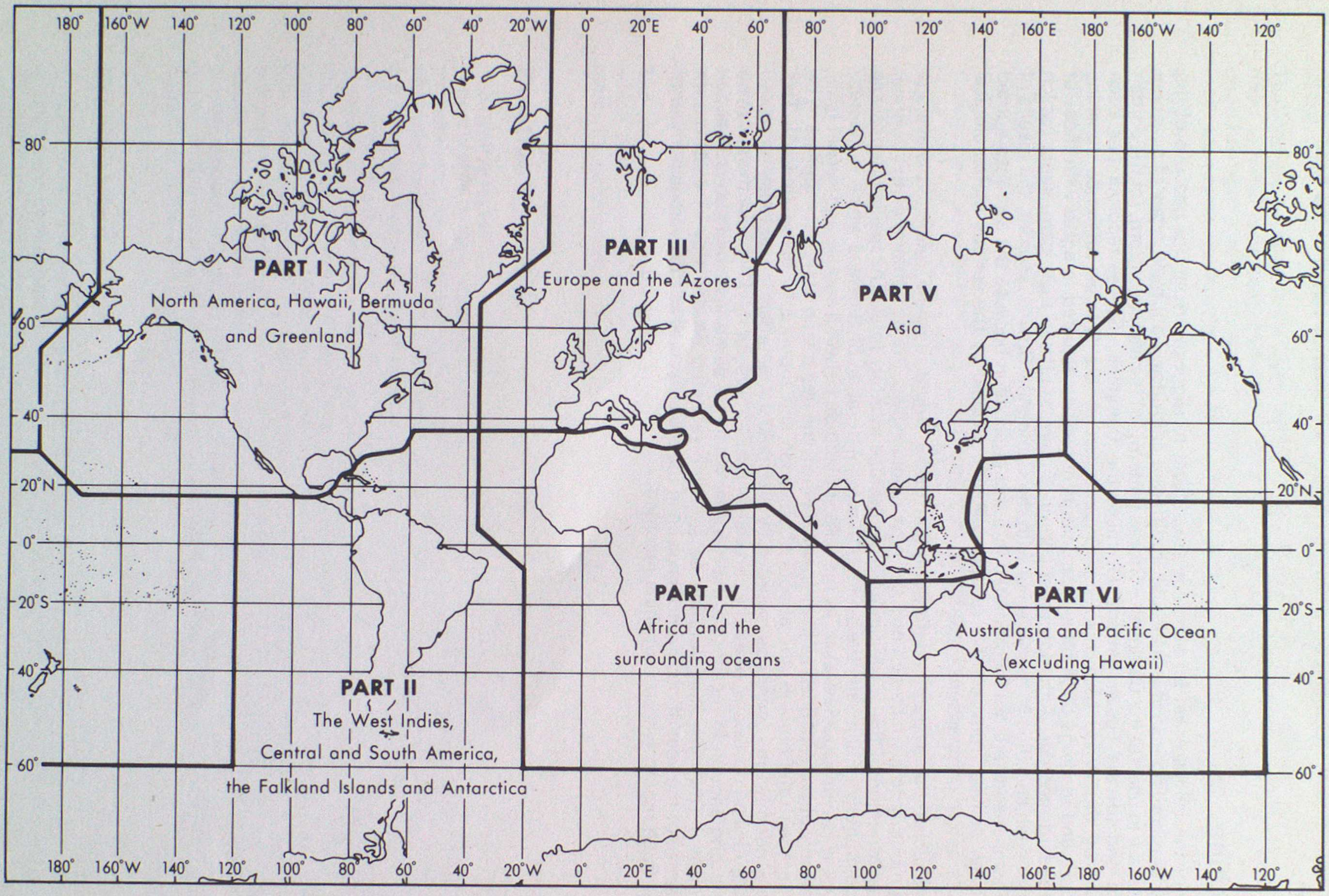
PART I
North America, Hawaii, Bermuda and Greenland
PART II
The West Indies, Central and South America, the Falkland Islands and Antarctica
PART III
Europe and the Azores
PART IV
Africa and the surrounding oceans
PART V
Asia
PART VI
Australasia and Pacific Ocean (excluding Hawaii)
180°
160°W
140°
120°
100°
80°
60°
40°
20°W
0°
20°E
40°
60°
80°
100°
120°
140°
160°E
180°
160°W
140°
120°
80°
60°
40°
20°N
0°
20°S
40°
60°

Figure 1. Map of the world showing areas covered by each volume

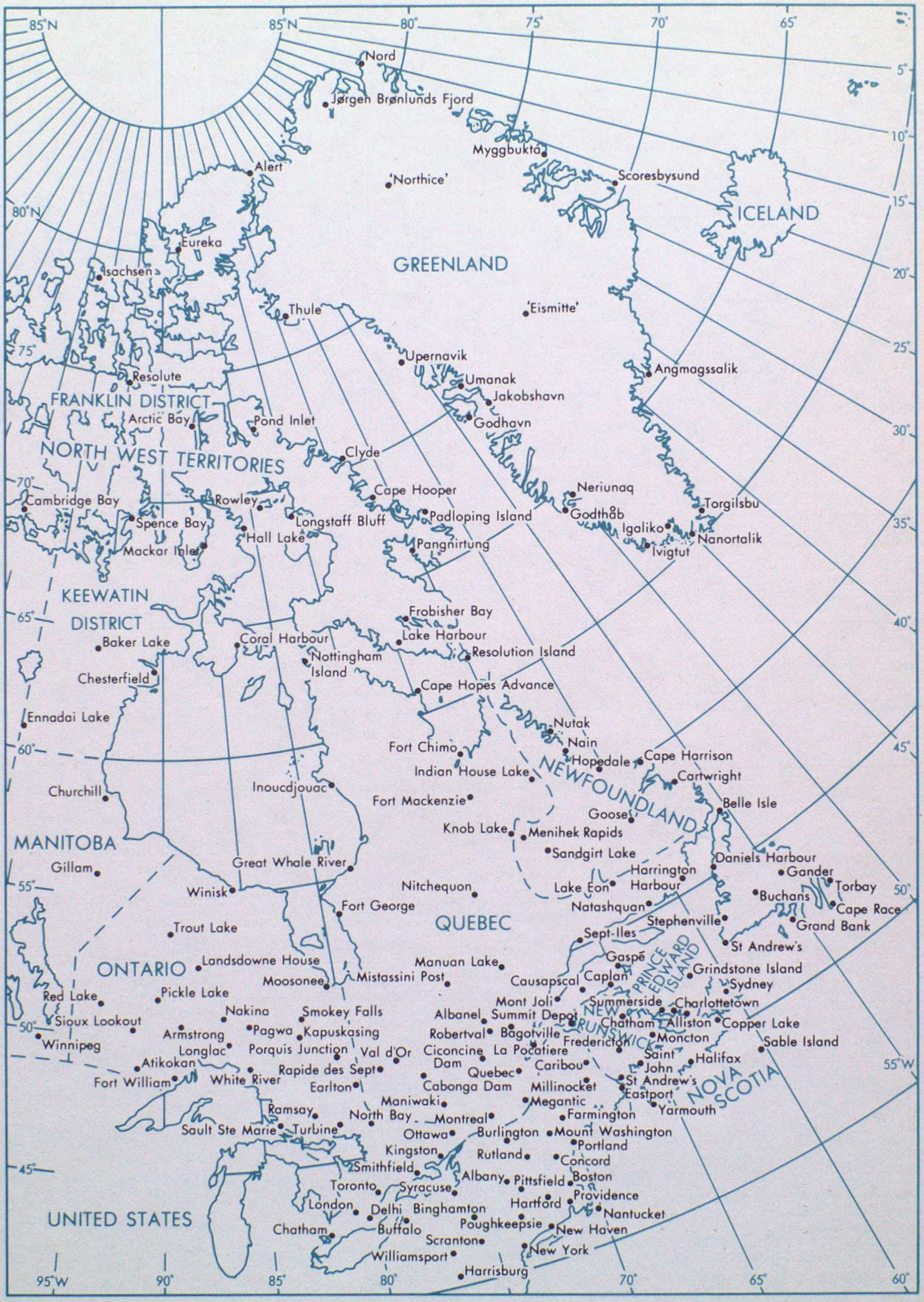
85°N
85°N
80°
75°
70°
65°
5°
Nord
Jørgen Brønlunds Fjord
10°
Myggbukta
Alert
'Northice'
Scoresbysund
15°
ICELAND
80°N
Eureka
Isachsen
GREENLAND
20°
Thule
'Eismitte'
75°
25°
Upernavik
Angmagssalik
Resolute
Umanak
FRANKLIN DISTRICT
Jakobshavn
Arctic Bay
Pond Inlet
Godhavn
30°
NORTH WEST TERRITORIES
Clyde
70°
Cape Hooper
Neriunaq
Cambridge Bay
Rowley
Torgilsbu
Spence Bay
Longstaff Bluff
Padloping Island
Godthåb
35°
Hall Lake
Igaliko
Nanortalik
Mackar Inlet
Pangnirtung
Ivigtut
KEEWATIN
DISTRICT
Frobisher Bay
65°
40°
Baker Lake
Coral Harbour
Lake Harbour
Nottingham Island
Resolution Island
Chesterfield
Cape Hopes Advance
Ennadai Lake
Nutak
Nain
60°
Fort Chimo
Hopedale
Cape Harrison
45°
Indian House Lake
NEWFOUNDLAND
Cartwright
Churchill
Inoucdjouac
Fort Mackenzie
Belle Isle
Goose
Knob Lake
Menihek Rapids
MANITOBA
Sandgirt Lake
Daniels Harbour
Gander
Gillam
Great Whale River
Harrington Harbour
Torbay
55°
Winisk
Nitchequon
Lake Eon
50°
Buchans
Natashquan
Cape Race
Fort George
Stephenville
Grand Bank
Trout Lake
QUEBEC
Sept-Iles
St Andrew's
Gaspé
PRINCE EDWARD ISLAND
ONTARIO
Landsdowne House
Manuan Lake
Grindstone Island
Moosonee
Mistassini Post
Causapscal
Caplan
Sydney
Red Lake
Pickle Lake
Mont Joli
Summerside
Charlottetown
Nakina
Smokey Falls
Albanel
Summit Depot
Sioux Lookout
NEW BRUNSWICK
Chatham
Alliston
Copper Lake
50°
Pagwa
Kapuskasing
Robertval
Bagotville
Armstrong
Moncton
Sable Island
Winnipeg
Longlac
Porquis Junction
Val d'Or
Ciconcine Dam
La Pocatiere
Fredericton
Saint John
Halifax
Atikokan
Caribou
55°W
Rapide des Sept
Quebec
St Andrew's
NOVA SCOTIA
Fort William
White River
Earlton
Cabonga Dam
Millinocket
Eastport
Maniwaki
Megantic
Yarmouth
Ramsay
North Bay
Montreal
Farmington
Sault Ste Marie
Turbine
Ottawa
Burlington
Mount Washington
Kingston
Portland
Rutland
45°
Smithfield
Concord
Albany
Pittsfield
Boston
Toronto
Syracuse
Providence
Hartford
London
Delhi
Binghamton
Nantucket
UNITED STATES
Poughkeepsie
New Haven
Chatham
Buffalo
Scranton
New York
Williamsport
Harrisburg
95°W
90°
85°
80°
75°
70°
65°
60°

Figure 2. Places in Greenland, eastern Canada and north-east USA for which tables are given

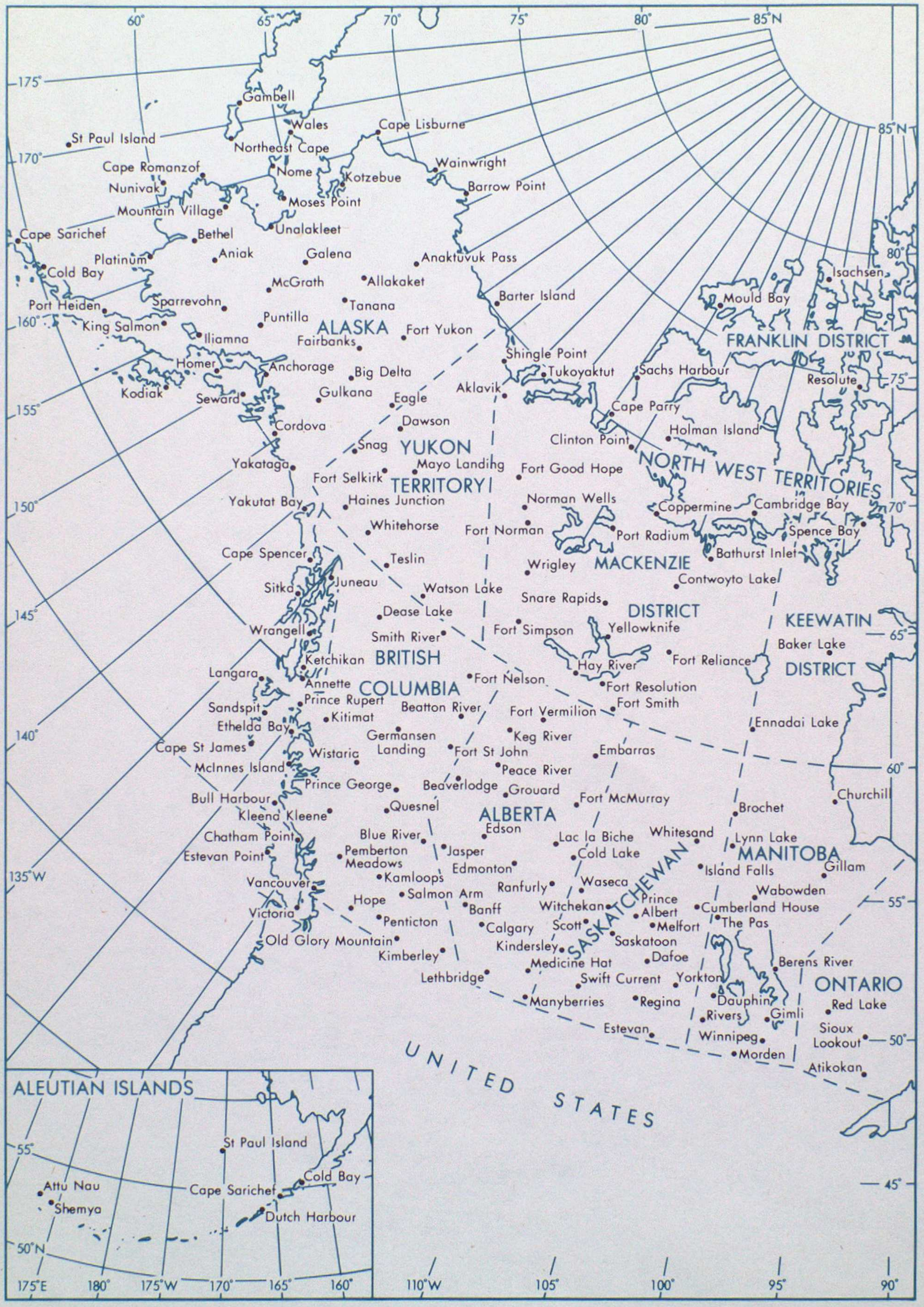
60°
65°
70°
75°
80°
85°N
175°
170°
165°
160°
155°
150°
145°
140°
135°W
85°N
80°
75°
70°
65°
60°
55°
50°
45°
Gambell
Wales
St Paul Island
Northeast Cape
Cape Lisburne
Cape Romanzof
Nome
Kotzebue
Wainwright
Nunivak
Barrow Point
Moses Point
Mountain Village
Unalakleet
Cape Sarichef
Bethel
Aniak
Galena
Anaktuvuk Pass
Platinum
Cold Bay
McGrath
Allakaket
Isachsen
Port Heiden
Sparrevohn
Tanana
Barter Island
Mould Bay
King Salmon
Puntilla
ALASKA
Fort Yukon
Iliamna
Fairbanks
FRANKLIN DISTRICT
Homer
Anchorage
Big Delta
Shingle Point
Tukoyaktut
Sachs Harbour
Kodiak
Seward
Gulkana
Eagle
Aklavik
Resolute
Cape Parry
Cordova
Dawson
Holman Island
Snag
YUKON
Clinton Point
Yakataga
Mayo Landing
Fort Good Hope
NORTH WEST TERRITORIES
Fort Selkirk
TERRITORY
Yakutat Bay
Haines Junction
Norman Wells
Coppermine
Cambridge Bay
Whitehorse
Fort Norman
Port Radium
Spence Bay
Bathurst Inlet
Cape Spencer
Teslin
Wrigley
MACKENZIE
Contwoyto Lake
Sitka
Juneau
Watson Lake
Snare Rapids
DISTRICT
KEEWATIN
Dease Lake
Wrangell
Smith River
Fort Simpson
Yellowknife
Baker Lake
Ketchikan
BRITISH
Hay River
Fort Reliance
DISTRICT
Langara
Annette
COLUMBIA
Fort Nelson
Fort Resolution
Prince Rupert
Sandspit
Beatton River
Fort Vermilion
Fort Smith
Kitimat
Ethelda Bay
Germansen Landing
Keg River
Ennadai Lake
Cape St James
Wistaria
Fort St John
Embarras
McInnes Island
Peace River
Prince George
Beaverlodge
Grouard
Bull Harbour
Fort McMurray
Churchill
Quesnel
Kleena Kleene
Brochet
ALBERTA
Edson
Chatham Point
Blue River
Lac la Biche
Whitesand
Lynn Lake
Estevan Point
Pemberton Meadows
Jasper
Cold Lake
MANITOBA
Gillam
Edmonton
Island Falls
Kamloops
Waseca
Vancouver
Salmon Arm
Ranfurly
Wabowden
Hope
Banff
Witchekan
Prince Albert
Cumberland House
Victoria
Penticton
Calgary
Scott
Melfort
The Pas
Old Glory Mountain
SASKATCHEWAN
Saskatoon
Kimberley
Kindersley
Dafoe
Berens River
Medicine Hat
Lethbridge
Swift Current
Yorkton
ONTARIO
Manyberries
Regina
Dauphin
Red Lake
Rivers
Gimli
Estevan
Sioux Lookout
Winnipeg
Morden
Atikokan
UNITED STATES
ALEUTIAN ISLANDS
55°
St Paul Island
Cold Bay
Attu Nau
Cape Sarichef
Shemya
Dutch Harbour
50°N
175°E
180°
175°W
170°
165°
160°
110°W
105°
100°
95°
90°

Figure 3. Places in Alaska and western Canada for which tables are given

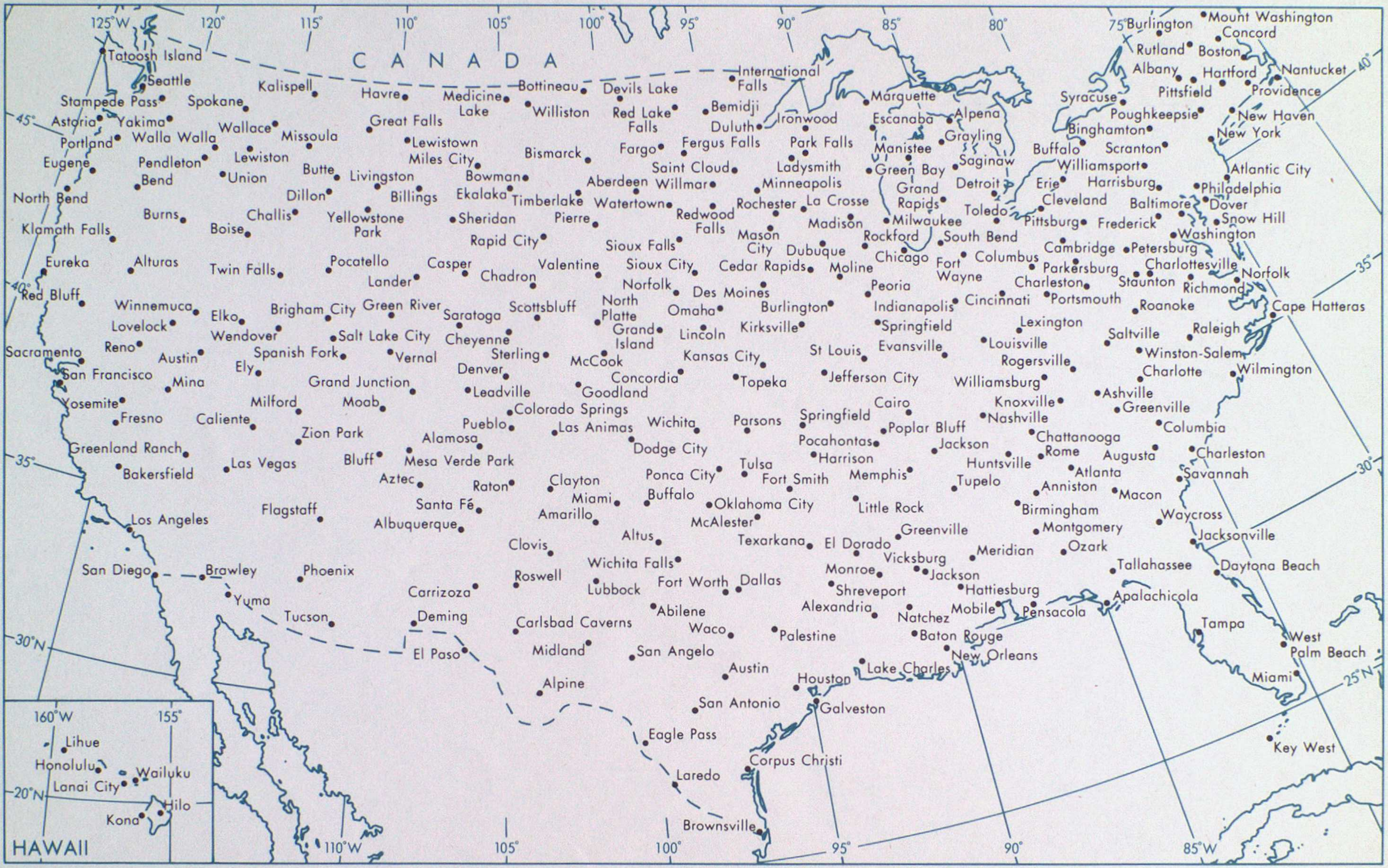
CANADA
HAWAII
125°W
120°
115°
110°
105°
100°
95°
90°
85°
80°
75°
45°
40°
35°
30°N
25°N
110°W
85°W
160°W
155°
20°N
Tatoosh Island
Seattle
Stampede Pass
Spokane
Kalispell
Astoria
Yakima
Portland
Walla Walla
Wallace
Missoula
Eugene
Pendleton
Lewiston
Bend
Union
North Bend
Burns
Boise
Challis
Klamath Falls
Eureka
Alturas
Twin Falls
Red Bluff
Winnemucca
Lovelock
Elko
Wendover
Reno
Austin
Sacramento
San Francisco
Mina
Ely
Yosemite
Fresno
Caliente
Greenland Ranch
Bakersfield
Las Vegas
Los Angeles
San Diego
Brawley
Yuma
Havre
Great Falls
Butte
Dillon
Livingston
Billings
Yellowstone Park
Pocatello
Lander
Brigham City
Green River
Salt Lake City
Spanish Fork
Vernal
Milford
Grand Junction
Moab
Zion Park
Bluff
Flagstaff
Phoenix
Tucson
Medicine Lake
Lewistown
Miles City
Bowman
Ekalaka
Sheridan
Casper
Chadron
Saratoga
Cheyenne
Denver
Leadville
Pueblo
Alamosa
Mesa Verde Park
Aztec
Santa Fé
Albuquerque
Raton
Carrizoza
Deming
El Paso
Bottineau
Williston
Bismarck
Timberlake
Pierre
Rapid City
Valentine
Scottsbluff
Sterling
Colorado Springs
Las Animas
Clayton
Miami
Amarillo
Clovis
Roswell
Carlsbad Caverns
Midland
Alpine
Devils Lake
Red Lake Falls
Fargo
Aberdeen
Watertown
Sioux Falls
Sioux City
Norfolk
North Platte
Grand Island
McCook
Goodland
Concordia
Dodge City
Wichita
Ponca City
Buffalo
Altus
Wichita Falls
Lubbock
Abilene
Waco
San Angelo
Austin
San Antonio
Eagle Pass
Laredo
Brownsville
International Falls
Bemidji
Duluth
Fergus Falls
Saint Cloud
Willmar
Redwood Falls
Rochester
Minneapolis
Omaha
Lincoln
Des Moines
Kansas City
Topeka
Parsons
Tulsa
Fort Smith
Oklahoma City
McAlester
Texarkana
Fort Worth
Dallas
Palestine
Houston
Galveston
Corpus Christi
Ironwood
Park Falls
Ladysmith
La Crosse
Madison
Mason City
Dubuque
Cedar Rapids
Moline
Burlington
Kirksville
St Louis
Jefferson City
Springfield
Pocahontas
Harrison
Memphis
Little Rock
El Dorado
Monroe
Shreveport
Alexandria
Lake Charles
Marquette
Escanaba
Manistee
Green Bay
Grand Rapids
Milwaukee
Rockford
Chicago
Peoria
Indianapolis
Springfield
Evansville
Cairo
Poplar Bluff
Jackson
Greenville
Vicksburg
Jackson
Natchez
Baton Rouge
New Orleans
Alpena
Grayling
Saginaw
Detroit
Toledo
South Bend
Fort Wayne
Columbus
Cincinnati
Louisville
Williamsburg
Knoxville
Nashville
Huntsville
Tupelo
Meridian
Hattiesburg
Mobile
Pensacola
Lexington
Rogersville
Chattanooga
Rome
Atlanta
Anniston
Birmingham
Montgomery
Ozark
Tallahassee
Apalachicola
Buffalo
Erie
Cleveland
Pittsburg
Cambridge
Parkersburg
Charleston
Portsmouth
Saltville
Roanoke
Ashville
Greenville
Columbia
Augusta
Macon
Waycross
Jacksonville
Daytona Beach
Tampa
West Palm Beach
Miami
Key West
Syracuse
Binghamton
Williamsport
Harrisburg
Frederick
Petersburg
Staunton
Charlottesville
Richmond
Norfolk
Cape Hatteras
Raleigh
Winston-Salem
Charlotte
Wilmington
Charleston
Savannah
Burlington
Rutland
Albany
Pittsfield
Poughkeepsie
Scranton
Baltimore
Washington
Philadelphia
Dover
Snow Hill
Atlantic City
New York
New Haven
Hartford
Providence
Boston
Concord
Mount Washington
Nantucket
Lihue
Honolulu
Wailuku
Lanai City
Hilo
Kona

Figure 4. Places in the United States of America for which tables are given

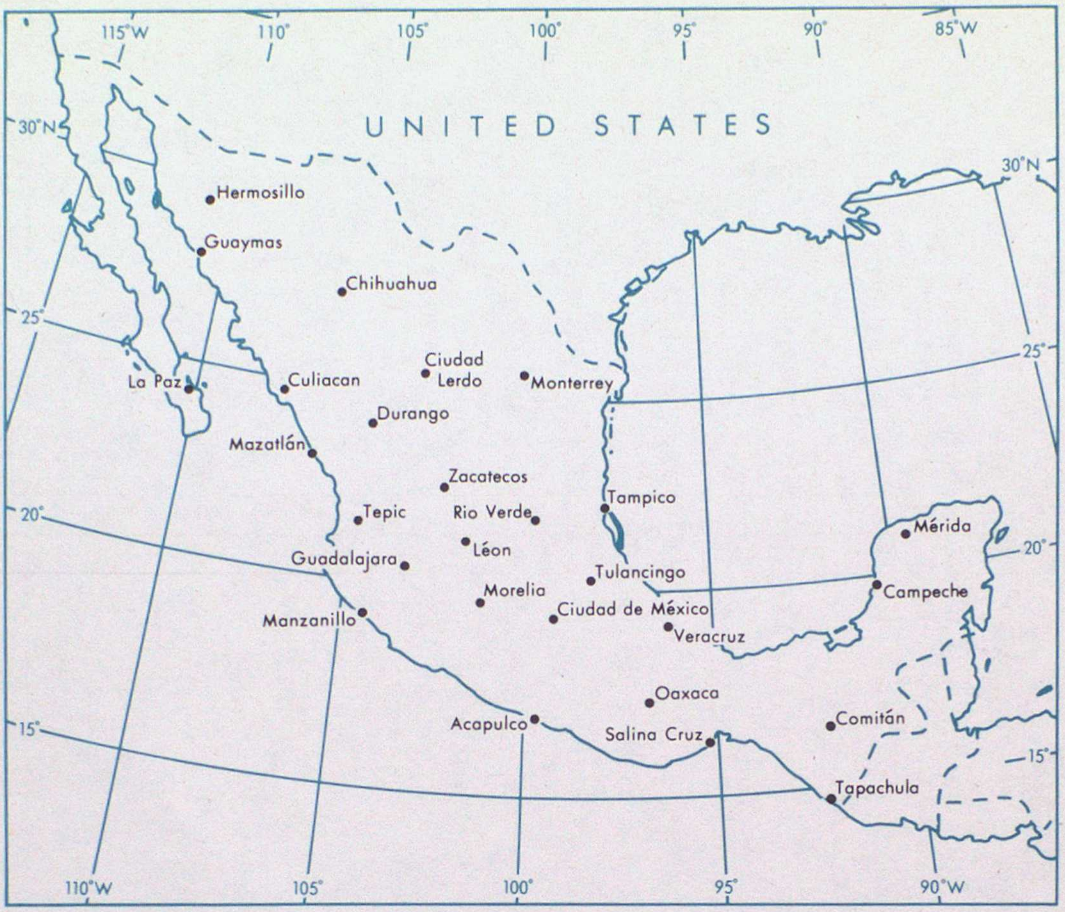
115°W
110°
105°
100°
95°
90°
85°W
30°N
UNITED STATES
30°N
Hermosillo
Guaymas
Chihuahua
25°
25°
Ciudad Lerdo
Monterrey
La Paz
Culiacan
Durango
Mazatlán
Zacatecos
Tampico
Tepic
Rio Verde
Mérida
20°
20°
Léon
Guadalajara
Tulancingo
Morelia
Campeche
Ciudad de México
Manzanillo
Veracruz
Oaxaca
Comitán
Acapulco
Salina Cruz
15°
15°
Tapachula
110°W
105°
100°
95°
90°W

Figure 5. Places in Mexico for which tables are given

BERMUDA

Fort George 32° 23′ N 64° 41′ W 50 m

Period 1932–53 Bibliography 26	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·2 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	20·2	15·2	23·4	10·7	26·4	7·3	77	70	107	73	17	151	48	10·2	1
February	19·3	13·9	22·6	9·3	24·5	6·4	74	68	97	72	16	152	50	10·6	1
March	20·1	14·7	23·4	10·2	26·0	5·8	75	68	109	67	14	197	52	11·5	2
April	21·9	16·2	24·6	12·3	26·1	9·2	77	70	106	103	11	227	59	12·8	1
May	24·4	18·9	27·1	15·6	28·9	13·3	79	73	114	105	10	259	60	13·3	1
June	27·2	21·7	29·8	18·6	31·3	16·2	81	75	97	81	11	259	61	13·4	<1
July	29·7	23·6	31·9	20·9	33·3	20·0	79	71	112	139	13	301	70	13·4	<1
August	30·3	24·0	32·3	21·1	34·5	18·2	78	70	143	100	15	283	69	13·0	<1
September	29·1	23·2	31·4	20·3	33·2	16·7	78	71	146	191	15	237	64	12·1	1
October	26·5	21·2	29·4	18·0	31·3	14·0	78	71	162	118	17	196	55	11·0	2
November	23·7	18·7	27·0	15·1	28·3	12·1	75	70	116	90	14	173	56	10·3	2
December	21·2	16·3	24·6	11·6	26·4	9·7	74	70	114	67	17	150	49	9·8	1
Year	24·5	19·0	32·6*	8·5*	34·5	5·8	77	71	1423	191	170	2585	58	13·4	12
No. of Years	22	22	22	22	22	22	22	22	22	22	22	19	19	19	19

*Average of highest/lowest each year

CANADA

Banff 51° 11′ N 115° 34′ W 1397 m — Alberta

Period 1931–60 Bibliography 1, 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1030	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·7	−15·8	4·9	−32·9	12·2	−51·1	82	73	33	24	9	57	22	6·4	10
February	−2·6	−14·4	6·6	−30·7	13·3	−39·4	74	66	30	51	8	99	35	9·6	4
March	2·4	−10·1	10·9	−26·1	16·7	−40·6	62	56	25	30	9	131	36	9·7	5
April	8·7	−3·8	18·4	−13·7	25·6	−27·2	52	52	35	35	10	155	37	11·9	4
May	14·8	0·7	23·3	−5·9	29·4	−17·8	48	48	45	37	11	197	41	12·6	3
June	17·6	4·1	26·5	−1·3	33·9	−3·9	52	51	62	42	14	197	40	13·1	2
July	22·5	6·4	30·3	1·1	34·4	−1·7	48	45	42	53	11	259	52	12·9	1
August	20·9	5·2	28·3	−0·1	31·7	−3·3	54	48	50	41	12	211	47	13·3	1
September	16·1	2·1	25·4	−4·7	30·0	−11·7	56	50	35	21	10	167	45	10·2	3
October	9·6	−1·5	19·6	−11·7	25·6	−21·7	63	59	40	46	10	126	38	9·0	4
November	0·8	−8·1	9·6	−22·6	15·6	−33·3	72	69	34	48	10	81	31	8·6	6
December	−4·0	−12·6	5·9	−28·9	12·2	−42·2	78	74	39	22	10	44	18	5·7	8
Year	8·4	−4·0	30·6*	−37·6*	34·4	−51·1	62	58	470	53	124	1724	37	13·3	51
No. of Years	30	30	30	30	30	30	13	20	30	30	20	13	13	10	13

Beaverlodge 55° 11′ N 119° 22′ W 762 m — Alberta

Period 1931–60 Bibliography 1, 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·9	−18·4	6·1	−34·6	16·7	−47·2	89	81	32	32	11	79	32	8·3	9
February	−6·2	−16·0	7·8	−32·6	16·1	−44·4	96	82	29	36	12	108	40	10·3	6
March	−0·6	−11·0	10·4	−26·7	16·1	−37·2	93	66	26	17	11	157	43	11·5	4
April	8·2	−2·6	18·8	−13·8	26·1	−35·0	82	58	21	22	8	214	51	14·1	2
May	16·4	3·5	25·6	−2·9	32·2	−8·3	73	50	41	44	9	269	54	16·1	2
June	19·6	6·9	26·9	1·3	31·7	−2·2	73	52	56	44	12	266	51	17·0	2
July	22·3	8·9	30·0	3·8	36·7	1·1	83	54	64	101	12	300	58	16·1	1
August	20·9	7·6	28·8	1·3	34·4	−2·8	89	57	52	36	11	258	56	15·1	1
September	16·3	3·9	26·2	−4·2	31·7	−8·9	87	61	40	47	11	181	48	13·2	3
October	9·4	−0·8	21·4	−11·6	26·1	−23·9	87	67	32	36	9	133	41	10·1	5
November	−0·5	−8·7	11·8	−22·0	21·7	−32·8	91	82	33	24	10	81	32	8·7	8
December	−6·3	−15·0	6·4	−30·7	12·2	−42·8	94	88	29	23	11	65	29	6·9	10
Year	7·5	−3·5	30·9*	−38·7*	36·7	−47·2	86	67	455	101	127	2111	45	17·0	53
No. of Years	30	30	30	30	30	30	5	15	30	30	30	30	30	10	30

Calgary 51° 06′ N 114° 01′ W 1079 m — Alberta

Period 1931–60 Bibliography 1, 5	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·3	−15·6	9·4	−30·0	16·1	−43·3	73	70	17	20	8	101	39	8·5	6
February	−3·1	−14·6	10·6	−30·0	18·9	−41·1	76	70	21	28	8	119	42	9·9	5
March	0·9	−9·7	14·4	−25·0	19·4	−37·2	79	65	25	20	11	146	40	10·5	4
April	9·7	−2·6	21·7	−12·2	28·3	−30·0	78	51	35	46	9	183	44	14·0	4
May	16·3	3·2	26·7	−4·4	31·1	−16·7	77	45	52	41	10	238	50	15·1	2
June	19·1	6·9	28·9	1·1	34·4	−2·8	82	50	88	79	13	234	48	15·9	3
July	23·8	9·6	31·7	3·9	36·1	0·0	83	48	58	68	10	316	64	15·7	1
August	22·2	7·9	30·6	2·2	33·9	0·0	84	47	59	81	11	274	61	14·5	1
September	17·4	4·3	27·8	−3·9	31·1	−12·2	79	49	35	31	8	186	49	12·7	3
October	11·8	−0·9	24·4	−11·1	29·4	−22·2	74	55	23	24	7	157	48	10·1	4
November	3·3	−7·7	16·1	−21·1	21·7	−32·2	72	65	16	28	7	111	42	8·9	6
December	−1·0	−12·1	11·7	−26·7	19·4	−36·1	73	69	15	14	7	91	37	7·6	7
Year	9·7	−2·6	32·2*	−34·4*	36·1	−43·3	77	57	444	81	109	2156	47	15·9	46
No. of Years	30	30	30	30	30	30	26	26	30	30	30	30	30	9	30

*Average of highest/lowest each year

CANADA

Cold Lake 54° 25′ N 110° 17′ W 544 m Alberta

Period 1953–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·2	−23·6	0·6	−36·7	7·8	−48·3	79	77	26	21	12	—	—	—	—
February	−7·8	−18·9	5·0	−35·0	8·3	−37·2	76	70	16	9	10	—	—	—	—
March	−1·9	−13·3	8·9	−28·9	12·8	−36·7	79	65	28	12	12	—	—	—	—
April	7·7	−3·4	17·8	−16·1	23·9	−34·4	75	45	28	25	7	—	—	—	—
May	16·1	3·5	27·2	−4·4	30·6	−7·8	74	39	35	29	9	—	—	—	—
June	19·4	7·5	27·2	0·6	31·1	−3·3	81	47	67	37	11	—	—	—	—
July	23·1	11·2	31·1	5·6	32·8	3·3	86	51	86	44	13	—	—	—	—
August	20·7	10·0	28·3	3·9	31·7	0·6	89	56	87	40	13	—	—	—	—
September	15·4	4·8	23·9	−3·3	27·2	−6·1	85	56	45	47	9	—	—	—	—
October	9·6	−0·9	21·7	−9·4	26·7	−15·6	79	57	21	40	6	—	—	—	—
November	−2·1	−10·2	10·0	−22·2	14·4	−36·7	80	71	25	30	9	—	—	—	—
December	−6·8	−15·5	5·6	−30·6	10·0	−37·2	79	76	29	15	11	—	—	—	—
Year	6·6	−4·1	31·1*	−39·4*	32·8	−48·3	80	59	493	47	122	—	—	—	—
No. of Years	7	7	8	8	8	8	7	7	8	8	8	—	—	—	—

Edmonton 53° 34′ N 113° 31′ W 676 m Alberta

Period 1938–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·9	−18·7	5·6	−33·3	11·7	−44·4	85	80	24	14	11	90	36	7·6	8
February	−6·8	−16·8	7·2	−32·8	13·9	−46·1	86	75	22	12	11	114	42	10·1	4
March	−0·3	−10·3	11·7	−25·6	20·6	−36·1	86	67	20	18	10	165	45	11·6	4
April	9·9	−1·8	22·2	−12·2	31·1	−25·6	80	49	26	38	8	218	52	14·3	2
May	17·1	4·4	27·8	−3·9	30·0	−12·2	78	41	42	44	9	265	55	15·3	2
June	19·9	8·1	28·3	2·2	31·7	−1·1	84	49	77	45	13	252	50	15·6	3
July	23·6	11·0	31·1	5·6	34·4	0·6	87	51	82	114	13	305	60	15·5	1
August	21·6	9·2	28·9	3·3	32·2	0·6	90	54	70	52	12	262	58	14·5	2
September	17·3	4·7	26·7	−3·3	31·1	−11·7	86	52	34	49	9	189	50	13·2	3
October	11·1	−0·6	22·8	−10·6	28·3	−25·0	82	56	21	18	7	159	49	10·6	4
November	0·0	−8·6	12·2	−20·0	21·7	−32·8	83	73	20	40	8	106	40	8·8	6
December	−5·2	−14·2	7·8	−28·3	16·1	−48·3	85	80	22	21	11	80	34	7·3	7
Year	8·3	−2·8	31·7*	−37·2*	34·4	−48·3	84	61	460	114	122	2205	49	15·6	46
No. of Years	22	22	23	23	23	23	23	23	23	23	23	21	21	9	21

Edson 53° 35′ N 116° 25′ W 924 m Alberta

Period 1931–60 Bibliography 1, 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·4	−18·8	7·4	−35·0	12·8	−43·8	—	—	25	20	7	—	—	—	—
February	−3·3	−18·6	10·6	−33·9	18·9	−44·4	—	—	19	20	6	—	—	—	—
March	2·2	−11·6	13·9	−28·2	22·2	−41·1	—	—	24	18	6	—	—	—	—
April	10·1	−4·4	21·4	−15·0	27·2	−34·4	—	—	27	20	7	—	—	—	—
May	16·8	1·1	26·9	−5·8	32·2	−13·3	—	—	52	54	10	—	—	—	—
June	19·7	4·6	27·8	−1·5	36·7	−3·9	—	—	91	79	14	—	—	—	—
July	22·8	6·9	30·7	0·9	34·4	−3·3	—	—	93	66	15	—	—	—	—
August	21·4	5·4	29·6	−0·6	33·3	−3·9	—	—	80	51	13	—	—	—	—
September	17·0	1·6	27·1	−6·2	31·1	−18·3	—	—	41	37	11	—	—	—	—
October	10·7	−3·6	22·6	−13·6	28·9	−23·3	—	—	25	32	6	—	—	—	—
November	0·8	−10·2	13·4	−23·4	20·6	−36·1	—	—	26	36	6	—	—	—	—
December	−5·8	−15·9	8·5	−31·1	16·7	−41·1	—	—	25	18	6	—	—	—	—
Year	8·7	−5·3	31·4*	−39·7*	36·7	−48·3	—	—	528	79	107	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	20	—	—	—	—

*Average of highest/lowest each year

CANADA

Embarras 58° 12′ N 111° 23′ W 236 m — Alberta

Period 1943–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0430	Average of observations at 1030	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−16·9	−28·1	−0·6	−43·9	11·7	−51·1	82	82	21	17	11	—	—	—	—
February	−14·6	−26·4	2·2	−42·2	13·3	−50·6	84	80	18	12	10	—	—	—	—
March	−3·6	−18·6	9·4	−38·3	12·8	−45·6	83	73	17	15	9	—	—	—	—
April	6·5	−6·7	17·8	−21·7	22·8	−39·4	80	60	18	23	7	—	—	—	—
May	14·9	1·9	26·1	−7·8	31·1	−16·1	77	52	33	23	8	—	—	—	—
June	20·3	6·8	28·9	−0·6	32·2	−4·4	80	55	44	42	10	—	—	—	—
July	23·9	10·3	31·1	3·9	33·9	0·0	85	58	56	82	10	—	—	—	—
August	21·7	8·9	30·0	1·1	33·9	−2·8	89	64	55	33	10	—	—	—	—
September	14·8	4·4	25·0	−4·4	32·2	−10·6	88	72	52	38	10	—	—	—	—
October	7·1	−1·8	18·9	−12·8	24·4	−23·3	86	77	28	27	9	—	—	—	—
November	−5·1	−13·2	8·9	−28·9	15·6	−40·6	88	84	25	13	12	—	—	—	—
December	−12·9	−22·1	1·7	−38·3	11·1	−48·3	85	86	23	18	11	—	—	—	—
Year	4·7	−7·1	31·7*	−45·6*	33·9	−51·1	84	70	390	82	117	—	—	—	—
No. of Years	17	17	18	18	18	18	18	18	18	18	18	—	—	—	—

Fort McMurray 56° 39′ N 111° 13′ W 370 m — Alberta

Period 1931–60 Bibliography 1, 5	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0430	Average of observations at 1630	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−19·9	−26·9	1·7	−42·2	12·2	−51·6	85	80	21	19	12	—	—	—	—
February	−10·4	−24·1	5·6	−40·0	16·1	−50·6	85	76	17	13	10	—	—	—	—
March	−2·0	−16·6	10·6	−34·4	15·0	−43·3	85	62	22	33	9	—	—	—	—
April	8·8	−5·7	21·1	−20·0	35·0	−31·7	81	50	19	21	7	—	—	—	—
May	17·1	1·7	27·8	−6·1	36·7	−13·3	83	50	33	73	9	—	—	—	—
June	21·1	5·4	28·9	−1·7	36·7	−4·4	88	50	60	44	11	—	—	—	—
July	24·2	8·7	32·2	1·7	38·9	−3·3	91	55	75	57	13	—	—	—	—
August	22·3	6·9	30·6	−1·1	35·0	−6·1	93	58	60	85	12	—	—	—	—
September	15·8	2·3	26·7	−6·7	31·7	−15·6	91	62	49	46	10	—	—	—	—
October	8·4	−3·2	21·7	−14·4	29·4	−23·3	85	64	26	30	9	—	—	—	—
November	−3·9	−13·3	10·0	−29·4	18·9	−37·8	87	80	24	15	11	—	—	—	—
December	−12·4	−22·6	2·8	−38·9	10·0	−53·3	85	84	22	16	11	—	—	—	—
Year	6·1	−7·3	32·8*	−45·0*	38·9	−53·3	87	64	428	85	124	—	—	—	—
No. of Years	30	30	30	30	30	30	25	26	30	30	30	—	—	—	—

Fort Vermilion 58° 23′ N 116° 03′ W 290 m — Alberta

Period 1931–60 Bibliography 1, 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−17·8	−28·3	0·6	−43·9	11·1	−58·3	—	—	22	15	7	63	31	7·1	11
February	−13·1	−25·7	1·7	−42·2	12·8	−52·8	—	—	20	20	6	105	40	9·5	7
March	−4·2	−18·4	8·3	−35·6	14·4	−47·2	—	—	22	43	5	164	45	11·3	4
April	7·1	−5·9	18·3	−20·6	24·4	−37·8	—	—	14	43	4	219	51	14·7	3
May	16·7	2·9	26·7	−5·0	33·3	−12·2	—	—	34	60	8	260	50	16·2	3
June	21·1	6·6	28·3	−0·6	32·8	−4·4	—	—	46	35	10	276	51	16·9	2
July	23·7	9·2	31·1	2·2	38·3	−3·3	—	—	55	56	11	299	55	16·7	1
August	21·8	7·3	29·4	−0·6	34·4	−5·6	—	—	43	35	9	261	55	14·9	2
September	15·4	1·7	25·0	−6·7	31·7	−12·8	—	—	30	26	7	159	42	12·4	4
October	6·6	−4·2	19·4	−16·1	26·7	−29·4	—	—	19	35	7	119	38	9·3	7
November	−6·6	−15·2	7·2	−30·6	16·1	−40·0	—	—	23	20	8	61	26	8·2	13
December	−15·4	−24·7	−0·6	−40·0	8·9	−57·8	—	—	26	20	8	40	20	7·9	16
Year	4·6	−7·9	32·2*	−47·2*	38·3	−58·3	—	—	354	60	90	2026	40	16·9	73
No. of Years	30	30	30	30	30	30	—	—	30	30	30	30	30	9	30

*Average of highest/lowest each year

CANADA

Grouard 55° 35′ N 116° 09′ W 579 m Alberta

Period 1931–45 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−12·1	−23·2	5·4	−41·4	14·4	−50·0	—	—	29	23	6	—	—	—	—
February	−7·7	−20·9	7·8	−38·4	15·6	−51·1	—	—	20	18	5	—	—	—	—
March	−0·6	−13·8	10·7	−31·0	17·8	−42·8	—	—	22	19	5	—	—	—	—
April	9·8	−3·8	20·6	−15·1	26·7	−31·7	—	—	18	26	3	—	—	—	—
May	17·1	2·6	26·5	−4·6	33·9	−7·8	—	—	42	38	5	—	—	—	—
June	20·6	6·4	26·8	−1·3	31·1	−3·9	—	—	75	50	8	—	—	—	—
July	23·3	8·7	30·9	2·8	36·7	0·0	—	—	61	36	9	—	—	—	—
August	22·4	6·8	28·7	−0·5	33·3	−6·7	—	—	48	57	7	—	—	—	—
September	16·6	2·5	26·0	−5·8	32·8	−8·9	—	—	35	32	6	—	—	—	—
October	10·2	−2·2	21·0	−12·4	24·4	−23·3	—	—	33	33	6	—	—	—	—
November	−0·6	−10·8	9·7	−25·1	13·3	−34·4	—	—	33	15	7	—	—	—	—
December	−9·8	−20·3	4·3	−37·1	8·9	−49·4	—	—	27	13	6	—	—	—	—
Year	7·4	−5·7	32·1*	−46·1*	36·7	−51·1	—	—	443	57	73	—	—	—	—
No. of Years	12	12	15	15	15	15	—	—	15	15	15	—	—	—	—

Jasper 52° 53′ N 118° 04′ W 1061 m Alberta

Period 1938–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−6·6	−17·2	6·1	−32·8	11·1	−44·4	88	84	27	25	9	—	—	—	—
February	−1·2	−13·4	8·3	−32·2	15·0	−43·3	88	76	24	51	8	—	—	—	—
March	3·3	−9·4	12·2	−25·0	21·7	−36·7	86	65	16	18	7	—	—	—	—
April	10·0	−3·2	20·0	−12·2	25·6	−28·9	86	56	21	30	7	—	—	—	—
May	16·3	1·4	25·6	−6·1	29·4	−13·9	87	50	35	70	9	—	—	—	—
June	19·3	5·1	27·2	−1·1	31·7	−6·7	88	55	55	29	14	—	—	—	—
July	23·1	7·4	31·7	2·2	36·7	−1·1	88	55	44	36	12	—	—	—	—
August	21·3	6·3	30·0	0·6	32·2	−2·8	91	62	49	36	13	—	—	—	—
September	17·3	2·8	27·2	−4·4	31·1	−11·1	90	63	37	44	10	—	—	—	—
October	10·7	−1·1	20·6	−11·1	27·2	−21·7	87	67	28	23	10	—	—	—	—
November	1·1	−8·3	10·6	−21·1	16·7	−36·1	89	78	31	23	9	—	—	—	—
December	−3·1	−12·2	6·7	−28·9	15·0	−42·2	89	84	35	31	11	—	—	—	—
Year	9·3	−3·5	32·2*	−36·7*	36·7	−44·4	81	66	402	70	119	—	—	—	—
No. of Years	21	21	23	23	23	23	19	19	23	23	23	—	—	—	—

Keg River 57° 49′ N 117° 53′ W 427 m Alberta

Period 1936–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1600							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−13·6	−25·8	4·4	−43·3	13·3	−54·4	84	85	19	13	6	75	33	7·6	10
February	−10·3	−23·4	6·7	−41·7	16·7	−55·0	83	75	18	20	7	104	39	10·9	7
March	−1·7	−16·0	10·6	−34·4	16·7	−44·4	81	67	20	15	6	150	41	10·0	6
April	8·3	−5·6	19·4	−20·6	26·1	−40·0	82	53	19	20	6	204	47	14·0	3
May	17·0	1·2	26·7	−7·2	31·1	−12·2	84	48	40	36	8	248	48	15·4	3
June	20·8	5·2	28·3	−1·7	32·2	−3·9	88	53	51	57	10	254	47	15·8	3
July	23·6	7·9	31·1	1·7	37·2	−1·1	91	57	62	60	12	281	53	16·1	2
August	21·8	6·1	29·4	−1·7	35·0	−4·4	92	57	52	34	10	249	53	14·5	2
September	17·0	1·8	27·2	−8·3	32·2	−17·8	90	58	38	32	9	157	41	11·6	5
October	9·4	−3·2	21·7	−16·1	28·3	−29·4	82	62	22	18	7	120	38	9·4	7
November	−3·8	−14·2	12·8	−30·0	22·2	−39·4	81	78	26	20	8	69	29	8·0	11
December	−11·1	−22·1	6·7	−37·8	12·8	−48·3	81	81	26	14	8	52	26	5·8	15
Year	6·4	−7·3	31·7*	−46·1*	37·2	−55·0	85	65	393	60	97	1963	41	16·1	74
No. of Years	22	22	25	25	25	25	22	22	25	25	25	25	25	9	25

*Average of highest/lowest each year

CANADA

Lac La Biche 54° 46′ N 112° 01′ W 559 m

Alberta

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·9	−22·6	2·2	−36·7	8·3	−48·3	86	84	26	18	13	—	—	—	—
February	−8·7	−19·4	5·6	−35·0	11·7	−48·3	88	76	19	18	10	—	—	—	—
March	−1·7	−13·1	9·4	−30·0	11·7	−39·4	86	66	22	28	11	—	—	—	—
April	7·7	−3·8	18·3	−15·6	23·3	−31·7	79	52	26	25	8	—	—	—	—
May	15·9	3·6	26·7	−5·0	30·0	−11·7	78	45	35	29	8	—	—	—	—
June	19·7	7·7	27·8	1·7	32·2	−1·7	83	53	67	42	11	—	—	—	—
July	23·2	10·8	30·0	5·6	33·3	2·2	86	54	72	45	13	—	—	—	—
August	20·6	9·4	28·9	2·8	31·7	−1·7	90	58	70	42	11	—	—	—	—
September	15·8	4·8	25·0	−4·4	30·0	−11·1	88	59	46	72	9	—	—	—	—
October	9·3	−0·6	20·0	−10·0	25·0	−18·3	81	61	20	23	7	—	—	—	—
November	−2·1	−9·6	11·1	−22·8	20·0	−35·0	85	78	25	18	9	—	—	—	—
December	−8·4	−17·1	5·6	−32·8	10·6	−41·7	89	86	27	25	12	—	—	—	—
Year	6·6	−4·2	39·6*	−40·6*	33·3	−48·3	85	64	455	72	122	—	—	—	—
No. of Years	16	16	17	17	17	17	17	17	17	17	17	—	—	—	—

Lethbridge 49° 38′ N 112° 48′ W 920 m

Alberta

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·6	−13·8	10·6	−29·4	17·8	−42·8	76	71	21	19	8	103	39	8·4	6
February	−1·4	−12·7	12·2	−30·0	19·4	−42·2	80	71	23	24	9	126	46	10·0	4
March	3·1	−8·0	15·6	−25·0	22·2	−37·8	81	63	29	32	19	162	44	11·4	4
April	11·9	−1·1	23·9	−11·1	31·1	−25·6	77	45	35	53	8	209	51	13·6	3
May	18·0	4·4	28·3	−3·3	32·8	−11·7	77	43	52	48	10	265	56	14·4	2
June	21·1	8·3	31·1	2·2	38·3	−1·7	81	48	74	62	11	271	56	14·7	2
July	26·6	11·1	35·0	5·0	38·9	2·2	77	39	39	41	8	348	71	14·5	0
August	25·0	9·7	33·3	3·9	37·2	0·0	78	40	40	55	7	300	68	14·1	1
September	19·6	5·8	30·0	−2·2	36·7	−15·6	77	44	35	36	7	216	57	12·7	2
October	13·8	1·0	25·6	−10·0	31·7	−21·7	73	53	29	39	6	177	53	10·7	3
November	5·1	−5·9	17·2	−21·7	22·8	−33·9	74	66	26	38	7	113	42	9·2	5
December	0·8	−9·9	12·2	−26·7	18·3	−35·0	75	71	21	23	7	96	38	8·2	6
Year	11·7	−0·9	35·6*	−34·4*	38·9	−42·8	77	55	424	62	98	2386	52	14·7	38
No. of Years	30	30	30	30	30	30	23	23	30	30	30	30	30	9	30

Manyberries 49° 07′ N 110° 28′ W 934 m

Alberta

Period 1931–60 Bibliography 1, 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·0	−17·3	8·3	−31·2	16·1	−42·8	—	—	16	20	6	98	37	8·6	7
February	−4·8	−15·9	8·8	−28·9	19·4	−42·8	—	—	15	31	5	122	49	9·3	5
March	1·1	−10·1	14·3	−24·7	22·8	−35·6	—	—	20	25	5	151	41	11·0	5
April	11·9	−1·8	23·7	−11·7	32·1	−26·1	—	—	25	31	5	197	48	13·9	3
May	18·7	4·2	29·3	−3·1	34·4	−13·3	—	—	34	39	7	253	53	14·5	1
June	22·0	8·5	31·4	2·4	40·6	−1·7	—	—	63	64	11	244	50	15·2	3
July	28·2	11·8	36·2	5·4	39·4	1·1	—	—	34	42	7	331	68	14·9	1
August	26·6	10·4	34·9	4·1	40·0	0·6	—	—	27	61	7	291	66	14·1	1
September	20·4	5·3	31·6	−3·3	35·6	−7·8	—	—	24	38	6	199	53	12·9	3
October	13·8	−0·6	25·8	−10·9	32·8	−23·9	—	—	17	27	4	160	48	10·5	4
November	3·2	−8·5	15·9	−22·3	21·1	−31·7	—	—	16	29	5	109	40	9·2	7
December	−2·3	−13·2	10·7	−27·6	17·2	−36·1	—	—	13	13	4	96	38	8·2	7
Year	11·1	−2·3	37·0*	−34·6*	40·6	−42·8	—	—	345	64	72	2251	49	15·2	47
No. of Years	30	30	30	30	30	30	—	—	30	30	30	30	30	10	30

*Average of highest/lowest each year

CANADA

Medicine Hat 50° 01′ N 110° 43′ W 721 m Alberta

Period 1931–60 Bibliography 1, 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·3	−16·8	8·3	−32·8	18·9	−45·0	82	79	22	21	9	91	34	8·1	7
February	−3·9	−15·2	8·9	−31·1	18·3	−45·0	84	77	21	28	8	117	41	9·5	4
March	2·1	−8·6	15·6	−25·0	21·7	−38·3	84	66	25	34	8	140	38	9·5	4
April	12·8	−0·9	25·0	−10·6	33·3	−22·2	78	45	25	25	7	194	47	13·5	3
May	19·4	5·6	30·0	−2·8	36·1	−8·3	75	41	42	36	9	252	53	14·3	2
June	22·7	9·6	32·8	2·8	40·0	0·0	79	45	59	57	11	253	52	15·3	2
July	28·4	12·8	37·2	6·1	41·1	2·2	77	36	35	42	8	336	68	15·0	0
August	26·6	11·2	35·6	3·9	38·9	1·1	75	39	39	37	8	289	65	14·2	1
September	20·5	6·2	31·7	−2·8	35·0	−12·8	78	45	38	119	7	189	50	11·8	2
October	14·3	0·7	26·7	−10·0	32·8	−22·2	77	53	21	30	6	161	49	10·1	4
November	4·1	−7·2	17·2	−22·2	23·3	−33·9	79	69	19	27	7	102	38	9·0	7
December	−1·4	−12·1	11·1	−28·9	19·4	−40·6	82	78	19	23	7	83	33	7·6	8
Year	11·7	−1·2	37·8*	−36·7*	41·1	−45·0	79	56	365	119	95	2207	47	15·3	44
No. of Years	30	30	30	30	30	30	30	30	30	30	30	30	30	9	30

Peace River 56° 14′ N 117° 26′ W 569 m Alberta

Period 1931–35 1944–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·4	−24·7	6·4	−39·7	11·7	−55·0	82	78	27	25	11	—	—	—	—
February	−6·1	−19·2	8·1	−35·9	11·7	−47·8	85	74	23	20	8	—	—	—	—
March	−2·4	−16·9	11·4	−19·3	20·6	−42·2	82	64	21	28	8	—	—	—	—
April	9·6	−4·9	19·7	−17·6	29·4	−38·9	79	47	17	24	5	—	—	—	—
May	17·7	2·3	27·4	−4·9	32·8	−10·0	76	41	34	48	7	—	—	—	—
June	21·7	6·7	29·2	1·0	33·3	−1·1	82	46	50	33	9	—	—	—	—
July	24·2	8·7	32·6	3·2	36·7	−1·1	85	47	57	43	9	—	—	—	—
August	22·9	7·9	30·4	1·6	36·1	−2·2	90	52	44	36	9	—	—	—	—
September	16·3	3·7	26·1	−6·1	34·4	−11·7	88	53	27	24	8	—	—	—	—
October	10·1	−2·9	22·3	−11·6	27·8	−18·9	83	57	28	25	7	—	—	—	—
November	−4·2	−14·2	9·2	−28·6	13·9	−42·2	84	80	25	13	8	—	—	—	—
December	−11·2	−21·6	4·3	−37·3	9·4	−53·9	82	81	23	15	9	—	—	—	—
Year	7·2	−6·3	33·1*	−44·1*	36·7	−55·0	83	60	376	48	98	—	—	—	—
No. of Years	14	14	16	16	16	16	9	9	18	18	18	—	—	—	—

Ranfurly 53° 27′ N 111° 39′ W 686 m Alberta

Period 1931–60 Bibliography 1, 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·7	−21·6	3·7	−36·3	12·8	−47·8	—	—	20	15	9	89	35	8·0	8
February	−7·7	−19·5	5·9	−35·4	12·2	−47·2	—	—	15	13	7	123	45	10·0	4
March	−1·5	−13·1	9·9	−28·7	17·8	−38·9	—	—	21	18	8	167	45	11·4	4
April	9·7	−3·0	22·0	−13·3	33·3	−27·2	—	—	25	34	7	219	52	14·2	2
May	18·0	3·4	28·6	−5·0	36·1	−11·7	—	—	38	43	8	256	52	15·0	2
June	20·7	7·0	29·1	0·4	36·7	−2·2	—	—	67	49	11	250	49	16·0	2
July	24·2	9·9	32·2	4·2	40·6	0·6	—	—	72	89	12	306	60	15·6	1
August	22·4	8·2	30·4	1·6	35·6	−3·9	—	—	73	65	12	263	58	14·6	2
September	16·8	3·7	27·4	−5·2	33·3	−14·4	—	—	44	47	10	181	48	12·7	3
October	10·5	−1·9	22·8	−12·9	30·0	−24·4	—	—	20	26	6	151	46	10·3	5
November	−0·8	−10·3	11·6	−24·4	22·8	−34·4	—	—	23	33	8	93	36	8·7	8
December	−7·1	−17·3	5·7	−32·4	13·9	−43·3	—	—	22	23	9	76	33	7·0	9
Year	7·9	−4·5	33·4*	−40·6*	40·6	−47·8	—	—	440	89	107	2174	47	16·0	50
No. of Years	30	30	30	30	30	30	—	—	30	30	30	30	30	10	30

*Average of highest/lowest each year

CANADA

Beatton River 57° 23′ N 121° 23′ W 846 m British Columbia

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·9	−24·4	2·2	−39·4	8·9	−47·8	88	86	27	11	13	—	—	—	—
February	−9·6	−20·7	6·1	−36·7	12·8	−45·0	86	78	29	21	13	—	—	—	—
March	−2·6	−14·3	9·4	−30·0	15·0	−41·1	76	67	24	15	11	—	—	—	—
April	4·6	−6·6	15·0	−18·3	19·4	−36·1	61	53	24	22	9	—	—	—	—
May	13·9	1·5	23·9	5·6	29·4	−13·3	55	47	43	47	8	—	—	—	—
June	17·9	5·4	25·6	0·0	30·6	−2·2	59	53	58	50	12	—	—	—	—
July	20·7	7·5	28·1	1·1	29·4	−1·7	60	51	72	41	13	—	—	—	—
August	18·8	5·7	26·7	−1·1	31·1	−6·1	64	55	44	23	11	—	—	—	—
September	14·2	2·1	23·9	−7·2	27·2	−13·9	68	56	26	29	9	—	—	—	—
October	6·3	−3·9	17·2	−16·1	22·2	−28·3	73	62	23	16	10	—	—	—	—
November	−5·1	−13·3	10·0	−28·3	15·6	−36·7	85	82	25	11	11	—	—	—	—
December	−11·8	−21·2	2·8	−34·4	8·9	−44·4	87	87	24	24	12	—	—	—	—
Year	4·4	−6·8	28·6*	−41·7*	31·1	−47·8	72	65	419	50	132	—	—	—	—
No. of Years	15	15	16	16	16	16	15	15	16	16	16	—	—	—	—

Blue River 52° 09′ N 119° 17′ W 684 m British Columbia

Period 1947–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·2	−14·9	1·9	−33·4	7·2	−46·1	—	—	123	36	14	—	—	—	—
February	−1·5	−10·4	5·1	−27·2	7·2	−37·8	—	—	103	28	13	—	—	—	—
March	3·9	−7·6	10·4	−21·2	12·8	−35·0	—	—	87	33	12	—	—	—	—
April	9·3	−2·7	17·8	−9·4	22·8	−14·4	—	—	62	28	11	—	—	—	—
May	17·6	1·6	26·3	−4·4	30·6	−11·7	—	—	64	28	10	—	—	—	—
June	20·8	6·0	29·0	0·3	33·9	−2·2	—	—	83	32	13	—	—	—	—
July	24·4	8·1	32·6	2·9	34·4	1·7	—	—	83	33	13	—	—	—	—
August	21·9	7·6	31·2	2·2	33·9	−1·1	—	—	105	41	13	—	—	—	—
September	17·7	3·8	26·4	−2·7	28·9	−5·0	—	—	73	36	12	—	—	—	—
October	8·6	0·2	16·8	−6·3	21·1	−12·8	—	—	108	44	14	—	—	—	—
November	0·4	−5·1	6·1	−15·2	9·4	−28·9	—	—	126	43	14	—	—	—	—
December	−3·6	−9·5	3·4	−24·2	7·2	−37·8	—	—	151	37	16	—	—	—	—
Year	9·4	−1·9	32·8*	−35·7*	34·4	−46·1	—	—	1168	44	155	—	—	—	—
No. of Years	14	14	14	14	14	14	—	—	14	14	14	—	—	—	—

Bull Harbour 50° 55′ N 127° 57′ W 5 m British Columbia

Period 1931–60 Bibliography 1, 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0330	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·8	1·6	10·0	−4·4	16·1	−12·8	91	87	213	159	21	—	—	—	—
February	6·9	1·8	11·1	−3·3	18·9	−10·0	91	83	152	157	18	—	—	—	—
March	8·3	2·4	13·3	−2·2	20·6	−10·6	91	80	147	60	19	—	—	—	—
April	10·7	4·1	16·7	0·0	21·7	−3·3	92	79	107	53	16	—	—	—	—
May	13·0	6·6	18·9	2·2	24·4	0·6	94	82	75	47	14	—	—	—	—
June	14·7	8·9	19·4	5·0	29·4	3·9	95	84	65	56	13	—	—	—	—
July	16·2	10·5	20·0	7·2	25·6	5·6	96	84	60	35	12	—	—	—	—
August	16·6	10·7	21·1	7·2	28·9	5·0	96	86	74	47	12	—	—	—	—
September	15·1	9·2	20·0	4·4	28·9	0·0	96	86	120	60	14	—	—	—	—
October	12·5	6·8	17·8	1·7	21·7	−6·1	93	86	231	81	20	—	—	—	—
November	8·9	4·2	13·3	−0·6	20·0	−7·8	92	88	247	83	22	—	—	—	—
December	6·8	2·4	11·1	−2·8	15·0	−8·3	91	88	263	134	23	—	—	—	—
Year	11·3	5·8	23·3*	−6·1*	29·4	−12·8	93	84	1754	159	204	—	—	—	—
No. of Years	30	30	30	30	30	30	22	22	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Cape St James 51° 56′ N 131° 01′ W 89 m British Columbia

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·0	1·8	8·0	−4·1	10·6	−12·2	90	89	157	41	23	—	—	—	—
February	5·7	2·3	8·2	−3·4	11·1	−10·6	88	87	121	40	21	—	—	—	—
March	6·4	2·5	9·0	−1·9	10·6	−11·7	86	86	135	54	23	—	—	—	—
April	8·2	4·0	11·6	0·9	16·7	−2·2	84	83	106	38	20	—	—	—	—
May	11·2	6·4	17·2	3·7	23·3	1·1	86	85	76	43	15	—	—	—	—
June	12·9	8·3	17·2	6·2	28·3	1·1	88	85	69	43	15	—	—	—	—
July	14·8	10·1	18·8	8·1	23·3	5·0	90	87	62	48	14	—	—	—	—
August	15·8	11·3	19·4	9·1	21·7	5·6	88	86	74	37	14	—	—	—	—
September	14·4	10·5	18·3	7·6	22·8	5·0	87	87	119	59	17	—	—	—	—
October	11·0	7·7	14·2	3·9	16·7	−2·2	89	89	186	60	24	—	—	—	—
November	8·0	4·9	11·0	0·2	12·2	−6·1	89	89	179	44	24	—	—	—	—
December	6·6	3·3	9·4	−1·8	11·1	−10·0	90	89	177	45	26	—	—	—	—
Year	10·0	6·1	21·4*	−7·3*	28·3	−12·2	88	87	1461	60	236	—	—	—	—
No. of Years	14	16	14	16	14	16	16	16	16	16	16	—	—	—	—

Chatham Point 50° 20′ N 125° 26′ W 20 m British Columbia

Period 1958–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·8	1·6	9·2	−3·9	11·1	−6·7	—	—	252	65	23	—	—	—	—
February	6·9	3·4	10·3	−1·1	11·7	−3·3	—	—	216	57	18	—	—	—	—
March	8·1	2·7	13·4	−1·7	16·7	−4·4	—	—	164	48	18	—	—	—	—
April	11·4	5·4	17·4	2·6	20·6	0·6	—	—	128	40	17	—	—	—	—
May	15·1	7·4	22·4	3·5	28·3	2·2	—	—	100	48	13	—	—	—	—
June	18·0	10·0	24·7	7·7	26·7	6·1	—	—	85	35	12	—	—	—	—
July	20·4	12·1	27·9	9·7	33·3	8·3	—	—	48	39	7	—	—	—	—
August	19·5	11·9	26·7	9·8	31·1	8·3	—	—	114	48	12	—	—	—	—
September	16·2	9·9	21·8	6·5	25·0	4·4	—	—	122	41	12	—	—	—	—
October	11·9	7·4	16·3	3·6	18·3	0·0	—	—	294	91	18	—	—	—	—
November	7·2	3·7	10·9	−0·8	12·2	−3·9	—	—	254	66	21	—	—	—	—
December	5·6	2·3	10·8	−2·9	12·8	−11·1	—	—	292	76	22	—	—	—	—
Year	12·1	6·5	28·9*	−5·7*	33·3	−11·1	—	—	2069	91	193	—	—	—	—
No. of Years	8	8	8	8	8	8	—	—	8	8	8	—	—	—	—

Dease Lake 58° 25′ N 130° 00′ W 816 m British Columbia

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−14·5	−23·7	1·4	−38·6	8·9	−51·1	83	84	29	16	14	—	—	—	—
February	−8·3	−20·1	4·1	−37·6	10·6	−45·0	88	84	24	24	12	—	—	—	—
March	−0·4	−13·8	7·3	−30·2	11·1	−47·8	80	70	23	24	9	—	—	—	—
April	5·9	−6·4	12·8	−17·7	18·9	−31·7	67	56	10	8	7	—	—	—	—
May	14·2	−0·4	23·5	−6·9	31·7	−11·1	59	45	18	10	9	—	—	—	—
June	18·4	3·5	26·0	−2·2	33·9	−5·6	61	49	38	17	12	—	—	—	—
July	19·7	5·9	26·9	0·3	31·7	−1·1	69	55	54	36	13	—	—	—	—
August	18·4	4·7	26·6	−2·3	31·1	−6·1	75	57	54	41	15	—	—	—	—
September	13·9	1·5	22·4	−5·4	27·2	−15·0	81	64	39	22	13	—	—	—	—
October	5·8	−3·4	15·6	−14·4	20·6	−23·3	84	74	34	20	12	—	—	—	—
November	−3·4	−11·5	8·5	−23·6	14·4	−36·1	89	85	31	23	13	—	—	—	—
December	−10·6	−19·3	2·6	−35·5	7·2	−46·1	88	88	33	23	13	—	—	—	—
Year	4·9	−6·9	29·2*	−42·9*	33·9	−51·1	77	68	387	41	142	—	—	—	—
No. of Years	16	16	16	16	16	16	16	16	16	16	16	—	—	—	—

*Average of highest/lowest each year

CANADA

Estevan Point 49° 23′ N 126° 32′ W 6 m British Columbia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0330	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·2	2·2	11·1	−3·9	17·2	−13·9	92	88	383	219	23	—	—	—	—
February	8·3	2·2	11·7	−3·3	17·2	−10·6	92	83	304	124	18	—	—	—	—
March	8·9	2·8	12·2	−2·2	16·7	−7·8	93	83	297	120	21	—	—	—	—
April	11·1	4·4	15·6	0·0	20·0	−3·9	92	82	222	80	18	—	—	—	—
May	13·3	7·2	17·8	2·8	22·8	0·0	93	82	129	74	14	—	—	—	—
June	15·0	9·4	19·4	5·6	26·7	2·8	94	84	101	75	11	—	—	—	—
July	16·7	10·6	20·6	7·2	26·7	5·0	95	83	90	133	10	—	—	—	—
August	17·2	11·1	21·1	7·8	26·1	5·0	96	86	79	51	9	—	—	—	—
September	16·1	10·0	21·1	5·0	25·0	−1·1	95	86	161	121	13	—	—	—	—
October	13·3	7·2	17·2	2·2	21·1	−4·4	95	88	327	112	19	—	—	—	—
November	10·0	4·4	13·9	−0·6	16·7	−8·3	93	88	408	133	22	—	—	—	—
December	8·3	3·3	11·7	−2·8	14·4	−6·7	93	90	434	139	24	—	—	—	—
Year	12·2	6·1	22·8*	−5·6*	26·7	−13·9	93	85	2935	219	202	—	—	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	—	—	—	—

Ethelda Bay 53° 03′ N 129° 41′ W 8 m British Columbia

Period 1958–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·8	1·8	10·9	−5·2	16·1	−9·4	87	85	364	69	22	—	—	—	—
February	6·9	2·5	10·1	−3·3	14·4	−5·6	84	82	318	107	20	—	—	—	—
March	7·7	1·6	12·3	−4·2	16·7	−7·8	78	78	270	105	20	—	—	—	—
April	10·5	3·6	16·7	0·1	20·0	−2·2	77	77	211	54	20	—	—	—	—
May	13·2	5·1	20·4	0·1	25·0	−1·7	76	76	155	57	16	—	—	—	—
June	15·4	8·2	21·4	3·6	29·4	1·7	79	78	115	59	14	—	—	—	—
July	17·5	9·7	22·8	5·6	25·0	5·0	81	79	94	54	12	—	—	—	—
August	17·6	10·3	23·1	5·6	26·1	3·9	85	72	160	55	14	—	—	—	—
September	16·0	8·6	21·4	3·1	23·3	−0·6	85	83	232	75	16	—	—	—	—
October	11·8	7·0	16·7	0·4	20·6	−2·2	89	87	434	87	26	—	—	—	—
November	7·4	2·9	12·0	−3·1	17·8	−6·1	87	87	373	87	24	—	—	—	—
December	5·8	1·7	11·8	−6·3	16·1	−13·3	88	88	357	130	25	—	—	—	—
Year	11·3	5·3	24·8*	−8·3*	29·4	−13·3	83	81	3083	130	229	—	—	—	—
No. of Years	8	8	8	8	8	8	8	8	8	8	8	—	—	—	—

Fort Nelson 58° 50′ N 122° 35′ W 375 m British Columbia

Period 1938–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−18·1	−26·8	−1·4	−40·3	7·2	−51·7	86	84	24	19	11	—	—	—	—
February	−12·3	−23·2	3·2	−37·4	13·9	−48·3	85	78	26	20	11	—	—	—	—
March	−2·1	−15·3	11·3	−31·3	16·7	−39·4	71	59	26	21	10	—	—	—	—
April	7·3	−4·9	18·1	−17·7	24·4	−34·4	57	48	19	20	7	—	—	—	—
May	16·5	3·4	25·8	−3·3	31·7	−8·3	53	44	39	35	9	—	—	—	—
June	20·6	6·8	28·2	1·8	33·9	−1·1	58	50	66	52	12	—	—	—	—
July	23·3	10·3	31·1	4·8	36·7	1·1	62	52	65	47	11	—	—	—	—
August	21·3	8·1	29·3	1·4	33·9	−1·7	67	53	51	63	10	—	—	—	—
September	15·4	3·2	25·3	−4·3	32·8	−11·1	74	57	34	28	9	—	—	—	—
October	6·1	−3·9	18·2	−14·3	25·6	−27·8	77	65	26	19	8	—	—	—	—
November	−8·2	−15·8	6·3	−29·6	13·9	−40·6	85	82	31	28	11	—	—	—	—
December	−16·6	−24·2	−1·1	−37·2	9·4	−47·8	87	87	29	35	13	—	—	—	—
Year	4·4	−6·9	31·6*	−42·9*	36·7	−51·7	72	63	436	63	122	—	—	—	—
No. of Years	23	23	24	24	24	24	21	23	24	24	24	—	—	—	—

*Average of highest/lowest each year

CANADA

Fort St John 56° 14′ N 120° 44′ W 693 m

British Columbia

Period 1943−60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−12·3	−21·1	3·7	−36·0	9·4	−47·2	84	81	31	17	12	74	31	8·0	11
February	−7·9	−17·2	6·3	−33·2	12·8	−42·2	82	76	29	15	13	102	38	9·9	7
March	−1·6	−11·3	9·2	−27·1	13·9	−36·7	76	65	27	31	11	153	42	11·2	4
April	7·5	−2·8	17·2	−12·9	21·7	−28·9	60	50	23	20	8	211	49	14·7	2
May	16·2	4·0	25·2	−3·3	30·0	−10·6	51	42	32	48	8	278	55	15·8	3
June	19·2	7·7	26·1	2·2	30·6	−0·6	60	50	57	56	12	257	49	16·4	2
July	21·7	10·0	29·0	5·2	33·3	2·8	63	52	67	57	12	291	55	16·0	1
August	20·2	8·4	27·9	2·4	32·8	−1·1	66	54	56	32	10	259	56	15·3	2
September	15·7	4·4	24·9	−4·4	30·0	−10·0	69	55	28	26	9	168	45	12·8	4
October	8·3	−0·6	19·4	−11·0	25·6	−20·6	70	62	31	35	10	130	40	10·0	6
November	−2·1	−9·4	10·6	−21·8	18·3	−33·3	79	77	30	25	11	79	32	9·1	8
December	−8·2	−16·2	5·4	−30·2	8·9	−39·4	85	83	33	29	12	60	28	7·0	11
Year	6·4	−3·7	29·6*	−39·1*	33·3	−47·2	70	62	444	57	128	2062	43	16·4	61
No. of Years	18	18	18	18	18	18	18	18	18	18	18	17	17	10	17

Germansen Landing 55° 47′ N 124° 42′ W 747 m

British Columbia

Period 1951−65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−12·1	−21·5	2·3	−39·2	11·7	−47·2	83	82	59	23	17	—	—	—	—
February	−3·7	−15·9	6·4	−31·9	11·7	−44·4	83	77	36	17	13	—	—	—	—
March	1·6	−12·8	11·2	−30·1	15·6	−40·0	73	62	30	16	11	—	—	—	—
April	7·7	−4·7	16·2	−13·7	20·0	−26·7	62	50	33	54	11	—	—	—	—
May	14·5	−0·1	23·6	−6·2	27·8	−12·8	51	38	22	18	7	—	—	—	—
June	17·9	4·3	25·6	−1·5	31·1	−3·3	57	46	54	35	12	—	—	—	—
July	20·9	6·8	28·5	0·5	30·6	−2·2	63	51	51	34	11	—	—	—	—
August	19·7	5·9	27·4	0·1	32·2	−1·7	69	54	56	38	11	—	—	—	—
September	14·8	1·8	22·8	−5·0	26·1	−7·8	77	56	34	22	11	—	—	—	—
October	6·2	−2·7	15·9	−13·6	19·4	−30·0	84	71	49	17	14	—	—	—	—
November	−3·3	−10·9	6·3	−26·7	10·0	−36·1	86	83	52	20	16	—	—	—	—
December	−8·8	−17·3	4·6	−35·6	8·3	−45·6	84	84	55	19	17	—	—	—	—
Year	6·3	−5·5	29·4*	−42·4*	32·2	−47·2	73	63	531	54	151	—	—	—	—
No. of Years	15	15	15	15	15	15	14	14	15	15	15	—	—	—	—

Hope 49° 23′ N 121° 26′ W 46 m

British Columbia

Period 1938−60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	2·3	−2·9	9·0	−11·3	13·9	−22·8	84	82	203	71	19	—	—	—	—
February	6·3	−0·7	12·2	−8·6	17·2	−21·1	81	75	172	106	17	—	—	—	—
March	10·3	1·1	17·9	−5·2	25·0	−16·7	75	64	145	70	19	—	—	—	—
April	15·4	4·1	24·7	−1·0	28·9	−4·4	65	56	109	69	16	—	—	—	—
May	19·3	7·6	29·4	2·0	33·9	−2·8	63	55	65	28	13	—	—	—	—
June	20·9	10·3	30·0	5·7	36·7	2·2	66	60	57	27	13	—	—	—	—
July	24·7	12·1	33·4	7·2	40·0	3·3	63	55	32	22	8	—	—	—	—
August	24·2	12·2	33·0	7·8	38·3	5·6	65	57	41	30	9	—	—	—	—
September	21·8	9·9	31·2	4·1	37·2	−0·6	68	61	93	53	11	—	—	—	—
October	14·9	6·2	22·4	0·3	28·3	−3·3	80	75	176	101	17	—	—	—	—
November	7·7	1·8	13·6	−4·4	18·9	−15·0	87	83	213	72	19	—	—	—	—
December	4·4	−0·3	11·4	−7·3	16·1	−17·8	87	85	254	86	20	—	—	—	—
Year	14·3	5·1	35·6*	−13·9*	40·0	−22·8	74	67	1560	106	181	—	—	—	—
No. of Years	23	23	23	23	23	23	22	23	23	23	23	—	—	—	—

*Average of highest/lowest each year

CANADA

Kamloops 50° 43′ N 120° 25′ W 345 m British Columbia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−1·9	−9·0	7·9	−20·8	16·1	−38·3	83	77	26	20	9	55	21	7·8	13
February	2·3	−6·4	11·0	−18·6	16·7	−31·1	80	70	19	21	6	92	33	10·3	7
March	9·2	−1·9	17·3	−10·6	22·2	−26·1	65	52	10	13	5	157	43	11·2	4
April	16·6	2·9	25·6	−3·6	32·2	−9·4	52	37	11	25	5	197	48	14·0	3
May	22·1	7·1	31·0	0·6	37·2	−5·6	48	36	20	16	7	247	52	14·9	3
June	24·9	10·8	33·9	5·2	38·3	0·6	51	38	38	23	10	244	50	15·7	2
July	29·5	12·9	37·8	7·7	41·7	3·3	46	33	22	42	6	320	65	15·7	1
August	27·6	11·6	34·9	6·2	38·3	2·8	52	37	25	30	7	284	63	14·5	1
September	22·9	7·8	31·1	0·5	35·0	−2·2	58	42	19	18	7	207	55	13·0	3
October	13·8	3·1	22·9	−4·4	29·4	−13·3	71	57	20	26	6	134	41	10·2	6
November	5·2	−1·9	13·4	−10·6	18·3	−23·3	79	73	20	33	7	64	24	8·8	11
December	1·2	−5·1	11·1	−16·1	16·1	−32·8	82	78	25	31	8	44	18	6·8	15
Year	14·5	2·7	38·1*	−24·9*	41·7	−38·3	64	53	255	42	83	2045	43	15·7	69
No. of Years	23	23	30	30	30	30	20	26	30	30	30	30	30	10	30

Kimberley 49° 44′ N 115° 47′ W 919 m British Columbia

Period 1943–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1030	1630							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−4·8	−13·9	5·6	−28·0	8·9	−40·0	88	86	45	32	13	—	—	—	—
February	−0·2	−11·0	7·6	−24·1	10·6	−35·0	82	75	31	24	10	—	—	—	—
March	4·3	−7·6	12·3	−21·5	16·7	−32·2	70	62	24	18	9	—	—	—	—
April	12·7	−1·4	21·9	−8·6	27·2	−12·2	55	44	19	22	8	—	—	—	—
May	18·7	3·2	27·4	−3·9	31·1	−12·2	51	41	32	36	9	—	—	—	—
June	21·6	6·5	29·7	0·3	34·4	−2·2	53	43	49	29	10	—	—	—	—
July	27·4	8·3	34·7	1·7	42·2	−1·1	46	35	19	26	6	—	—	—	—
August	25·8	7·6	32·8	1·9	36·1	−0·6	49	36	34	33	7	—	—	—	—
September	20·6	3·8	29·7	−3·4	33·9	−6·1	57	43	24	27	6	—	—	—	—
October	12·1	−0·7	21·2	−8·1	27·2	−11·1	69	59	31	27	9	—	—	—	—
November	2·2	−6·6	11·4	−17·7	14·4	−32·2	81	78	36	38	10	—	—	—	—
December	−2·6	−10·6	6·7	−23·2	9·4	−32·8	87	86	42	31	13	—	—	—	—
Year	11·5	−1·8	34·9*	−30·9*	42·2	−40·0	67	57	386	38	1101	—	—	—	—
No. of Years	18	18	18	18	18	18	12	12	18	18	18	—	—	—	—

Kitimat 54° 00′ N 128° 42′ W 17 m British Columbia

Period 1951–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−1·1	−6·3	7·3	−17·1	12·8	−22·2	—	—	347	124	19	—	—	—	—
February	2·7	−2·8	8·0	−11·2	10·6	−21·7	—	—	320	117	18	—	—	—	—
March	5·8	−1·4	12·5	−7·8	16·7	−18·9	—	—	210	185	18	—	—	—	—
April	10·6	1·6	17·4	−1·9	24·4	−6·7	—	—	188	77	16	—	—	—	—
May	15·7	5·2	25·6	0·8	33·9	−1·7	—	—	84	67	13	—	—	—	—
June	17·8	9·7	27·4	4·9	39·4	1·1	—	—	79	43	12	—	—	—	—
July	20·9	12·6	30·0	7·1	35·0	3·3	—	—	62	37	11	—	—	—	—
August	20·2	12·6	28·7	8·1	33·3	5·6	—	—	106	60	12	—	—	—	—
September	16·3	9·4	24·4	3·9	27·8	1·1	—	—	199	85	14	—	—	—	—
October	10·0	5·3	16·0	−0·3	19·4	−2·8	—	—	513	106	24	—	—	—	—
November	3·9	0·2	10·8	−7·2	15·6	−16·7	—	—	397	145	22	—	—	—	—
December	0·6	−3·3	7·8	−12·3	12·8	−23·3	—	—	434	147	22	—	—	—	—
Year	10·3	3·6	32·1*	−18·3*	39·4	−23·3	—	—	2939	185	201	—	—	—	—
No. of Years	15	15	15	15	15	15	—	—	15	15	15	—	—	—	—

*Average of highest/lowest each year

CANADA

Kleena Kleene 51° 59′ N 124° 56′ W 899 m — British Columbia

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·4	−20·1	5·4	−35·9	12·8	−50·0	89	83	40	28	8	—	—	—	—
February	0·7	−16·4	9·2	−32·1	12·2	−43·9	86	68	19	38	5	—	—	—	—
March	4·4	−12·3	12·1	−27·4	17·8	−39·4	73	55	15	18	5	—	—	—	—
April	9·9	−5·3	18·7	−12·4	23·3	−18·9	59	45	20	18	5	—	—	—	—
May	16·2	−1·1	24·2	−7·7	31·1	−11·7	54	42	24	28	6	—	—	—	—
June	18·7	3·2	26·2	−2·7	30·6	−6·1	58	46	46	27	10	—	—	—	—
July	22·3	4·2	30·2	−1·3	33·3	−3·9	58	42	21	40	6	—	—	—	—
August	21·3	3·9	28·9	−1·9	33·9	−3·9	66	48	37	27	9	—	—	—	—
September	18·3	0·3	27·1	−6·9	31·7	−10·0	70	48	18	20	5	—	—	—	—
October	10·2	−3·4	19·7	−10·8	24·4	−17·2	79	60	24	21	7	—	—	—	—
November	1·6	−9·7	11·5	−21·8	17·8	−40·0	87	79	37	29	8	—	—	—	—
December	−4·2	−16·1	7·0	−30·1	12·8	−42·8	89	87	41	25	7	—	—	—	—
Year	9·4	−6·1	30·5*	−39·3*	33·9	−50·0	72	59	342	40	81	—	—	—	—
No. of Years	18	18	18	18	18	18	18	18	18	18	18	—	—	—	—

Langara 54° 15′ N 133° 03′ W 41 m — British Columbia

Period 1931–60 Bibliography 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·6	1·1	8·8	−4·4	11·7	−14·4	90	89	155	49	23	—	—	—	—
February	4·9	1·2	8·7	−4·8	12·8	−11·1	91	88	125	46	21	—	—	—	—
March	6·2	1·8	10·2	−2·1	14·4	−11·7	89	85	145	51	23	—	—	—	—
April	8·4	3·4	12·3	0·2	18·3	−3·3	87	84	121	49	20	—	—	—	—
May	11·1	5·8	16·1	2·6	25·0	0·0	89	84	83	65	18	—	—	—	—
June	12·8	8·0	17·2	5·6	25·6	3·3	91	87	82	39	18	—	—	—	—
July	14·7	10·2	18·4	7·9	21·1	5·6	92	88	87	32	18	—	—	—	—
August	15·6	11·1	19·2	8·7	23·9	5·6	92	88	109	46	18	—	—	—	—
September	14·4	10·1	18·5	6·4	22·8	1·1	91	88	148	49	19	—	—	—	—
October	11·3	7·2	15·3	3·2	20·0	−1·1	90	88	242	58	26	—	—	—	—
November	7·7	4·1	17·3	−0·5	15·0	−7·2	91	90	200	75	24	—	—	—	—
December	5·5	2·1	9·3	−2·9	12·8	−12·2	91	90	190	54	25	—	—	—	—
Year	9·8	5·5	21·2*	−8·4*	25·6	−14·4	90	87	1687	75	253	—	—	—	—
No. of Years	30	30	25	25	25	25	20	24	30	30	25	—	—	—	—

McInnes Island 52° 16′ N 128° 43′ W 23 m — British Columbia

Period 1954–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·4	2·1	9·1	−4·8	12·2	−11·1	86	83	292	104	21	—	—	—	—
February	6·2	2·7	9·8	−2·9	12·2	−11·1	84	80	240	116	20	—	—	—	—
March	7·2	2·7	12·2	−2·8	18·3	−11·7	82	77	209	79	20	—	—	—	—
April	9·8	4·7	15·4	1·8	18·9	−1·1	80	75	168	69	19	—	—	—	—
May	12·8	7·1	19·4	3·6	26·1	0·6	82	77	104	71	15	—	—	—	—
June	14·8	9·6	20·2	7·4	32·2	6·1	84	79	124	63	15	—	—	—	—
July	16·8	11·2	20·3	9·1	24·4	3·9	87	81	78	37	12	—	—	—	—
August	17·1	12·0	20·8	9·7	25·0	8·3	90	84	138	70	15	—	—	—	—
September	15·3	10·9	20·1	7·6	23·3	6·1	89	85	205	103	16	—	—	—	—
October	11·4	7·8	15·3	3·8	18·3	0·6	88	84	357	156	24	—	—	—	—
November	7·5	4·1	11·3	−1·3	13·9	−9·4	89	87	293	71	23	—	—	—	—
December	5·9	2·6	10·2	−3·7	12·2	−13·9	88	85	311	105	24	—	—	—	—
Year	10·9	6·5	23·9*	−8·6*	32·2	−13·9	86	81	2519	156	224	—	—	—	—
No. of Years	12	12	12	12	12	12	12	12	12	12	12	—	—	—	—

*Average of highest/lowest each year

CANADA

Old Glory Mountain 49° 09′ N 117° 55′ W 2347 m British Columbia

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	–9·1	–14·2	–1·3	–22·1	5·0	–34·4	90	91	74	26	20	—	—	—	—
February	–7·4	–12·6	–0·8	–21·7	7·2	–33·3	92	89	66	31	19	—	—	—	—
March	–5·7	–11·2	1·2	–20·8	8·9	–34·4	90	89	67	23	21	—	—	—	—
April	–1·6	–7·5	6·4	–13·6	13·9	–20·6	85	81	52	29	15	—	—	—	—
May	4·4	–1·8	13·1	–9·2	19·4	–14·4	79	74	54	27	14	—	—	—	—
June	7·1	0·9	15·6	–4·9	20·0	–7·2	82	77	85	28	15	—	—	—	—
July	13·3	5·7	20·6	–2·2	23·9	–6·7	65	60	38	28	7	—	—	—	—
August	12·2	4·9	19·9	–2·2	22·2	–4·4	67	61	45	22	9	—	—	—	—
September	7·7	1·5	17·7	–7·0	21·1	–9·4	72	69	50	46	9	—	—	—	—
October	1·2	–4·0	9·9	–10·8	16·7	–16·1	81	81	66	36	14	—	—	—	—
November	–4·4	–9·6	4·2	–17·7	11·7	–30·0	86	87	51	31	17	—	—	—	—
December	6·7	–11·6	1·2	–19·2	6·7	–26·1	92	91	64	33	20	—	—	—	—
Year	0·9	–5·0	21·2*	–26·6*	23·9	–34·4	82	79	712	46	180	—	—	—	—
No. of Years	17	17	17	17	17	17	17	17	16	16	16	—	—	—	—

Pemberton Meadows 50° 27′ N 122° 56′ W 223 m British Columbia

Period 1931–60 Bibliography 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	–2·3	–7·8	3·7	–22·1	7·8	–38·9	—	—	125	66	10	—	—	—	—
February	1·4	–6·2	7·3	–18·8	10·0	–31·7	—	—	92	58	7	—	—	—	—
March	7·7	–1·7	13·6	–9·4	22·2	–28·9	—	—	68	47	7	—	—	—	—
April	15·3	1·9	22·6	–4·1	30·0	–10·0	—	—	38	60	5	—	—	—	—
May	20·9	5·6	28·0	–0·2	33·9	–5·0	—	—	36	39	5	—	—	—	—
June	22·9	8·9	30·8	4·1	39·4	–1·1	—	—	36	38	6	—	—	—	—
July	26·0	10·3	33·5	5·2	37·8	1·1	—	—	26	30	5	—	—	—	—
August	24·8	9·3	31·1	4·3	35·0	–0·6	—	—	31	38	5	—	—	—	—
September	19·8	6·7	26·5	0·4	31·1	–3·9	—	—	54	40	6	—	—	—	—
October	11·7	3·2	19·2	–3·8	24·4	–12·8	—	—	123	75	8	—	—	—	—
November	3·7	–1·1	9·6	–9·4	18·9	–23·3	—	—	141	97	9	—	—	—	—
December	–0·6	–4·8	6·1	–18·1	13·3	–31·7	—	—	172	102	11	—	—	—	—
Year	12·6	2·0	33·9*	–25·5*	39·4	–38·9	—	—	942	102	84	—	—	—	—
No. of Years	30	30	29	29	29	29	—	—	30	30	30	—	—	—	—

Penticton 49° 28′ N 119° 36′ W 342 m British Columbia

Period 1941–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	–0·7	–5·9	7·7	–16·6	13·3	–26·7	80	78	33	16	13	—	—	—	—
February	3·3	–3·8	10·1	–14·0	13·3	–26·7	77	71	24	19	10	—	—	—	—
March	8·7	–1·8	15·6	–10·0	21·1	–17·8	62	52	17	14	7	—	—	—	—
April	15·5	1·7	23·4	–4·2	28·9	–6·7	52	43	20	27	7	—	—	—	—
May	20·7	5·9	29·3	–1·2	31·7	–5·6	52	44	28	30	8	—	—	—	—
June	23·9	9·4	31·8	3·3	36·1	0·0	53	46	38	34	10	—	—	—	—
July	28·6	11·3	36·2	5·8	38·9	2·8	47	40	25	38	5	—	—	—	—
August	26·8	11·1	33·7	5·5	36·7	3·3	51	43	22	20	6	—	—	—	—
September	22·2	7·2	29·8	–0·1	34·4	–2·8	57	48	16	19	5	—	—	—	—
October	14·2	3·2	21·7	–4·2	28·9	–6·7	68	62	24	44	8	—	—	—	—
November	6·1	–0·4	13·0	–8·9	16·1	–18·9	76	74	27	19	10	—	—	—	—
December	2·2	–2·9	9·2	–11·9	13·9	–20·0	80	79	26	22	11	—	—	—	—
Year	14·3	2·9	36·2*	–18·6*	38·9	–26·7	63	57	300	44	100	—	—	—	—
No. of Years	19	19	19	19	19	19	20	20	19	19	19	—	—	—	—

*Average of highest/lowest each year

CANADA

Prince George 53° 53′ N 122° 41′ W 676 m

British Columbia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·9	−15·6	5·8	−34·7	12·2	−50·0	85	82	56	34	16	54	22	7·6	14
February	−1·7	−12·9	8·6	−32·6	14·4	−46·7	82	73	44	23	13	87	31	10·2	8
March	3·9	−7·7	12·3	−23·5	18·9	−37·8	70	63	36	18	13	130	36	10·8	5
April	10·6	−2·0	20·2	−11·6	30·0	−25·6	59	50	28	23	10	183	43	14·5	3
May	17·3	2·4	26·7	−4·8	35·0	−8·3	54	46	43	21	11	248	50	15·9	1
June	20·1	6·1	27·7	−0·5	33·9	−2·8	62	51	62	39	14	240	47	16·2	2
July	22·5	7·7	30·9	1·7	38·9	−1·7	63	53	64	53	14	267	52	16·3	1
August	21·1	6·4	29·2	0·2	35·0	−3·9	68	56	65	50	13	243	54	15·3	1
September	17·2	3·2	25·7	−5·4	33·3	−12·2	72	58	56	28	13	166	44	12·7	3
October	9·9	−0·3	19·5	−10·1	25·6	−25·6	76	67	59	21	15	102	31	9·9	6
November	1·4	−6·4	10·9	−19·8	16·1	−41·7	83	80	57	33	15	56	22	8·5	13
December	−2·7	−10·6	6·9	−28·6	12·2	−45·0	86	84	56	29	16	41	17	7·2	15
Year	9·5	2·5	31·9*	−39·2*	38·9	−50·0	72	62	626	53	163	1817	37	16·3	72
No. of Years	23	23	30	30	30	30	21	26	30	30	30	30	30	10	30

Prince Rupert 54° 17′ N 130° 23′ W 52 m

British Columbia

Period 1931–60 Bibliography 1, 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0330	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·3	−0·8	10·0	−8·3	17·8	−19·4	88	85	224	125	20	36	15	6·6	19
February	5·2	−0·4	10·6	−7·2	18·9	−16·7	88	81	176	69	18	58	21	8·8	14
March	7·0	0·6	12·8	−4·4	19·4	−15·0	87	77	196	70	20	80	22	9·1	12
April	10·1	2·6	16·7	−1·1	23·3	−5·7	88	74	173	71	19	108	26	12·4	10
May	13·5	5·5	21·1	1·1	25·6	−1·1	92	74	130	66	18	145	29	13·3	9
June	15·3	8·1	22·2	5·0	32·2	1·7	95	78	108	48	16	109	21	13·6	10
July	16·9	9·9	23·3	6·7	30·6	0·6	96	78	117	67	17	107	21	13·6	10
August	17·4	10·4	24·4	7·2	30·0	3·9	96	80	149	67	16	119	25	12·0	10
September	15·4	8·7	21·7	4·4	26·1	1·1	94	81	217	73	18	85	22	10·3	11
October	11·6	5·8	17·2	0·6	21·7	−5·6	90	82	337	141	24	49	16	8·6	16
November	7·8	2·7	13·3	−2·8	20·0	−11·7	88	84	293	138	23	35	14	7·8	18
December	5·1	0·4	10·6	−6·1	15·6	−14·4	88	87	277	125	23	24	11	5·4	21
Year	10·8	4·4	26·7*	−11·7*	32·2	−19·4	91	80	2397	141	232	955	20	13·6	13
No. of Years	30	30	30	30	30	30	30	30	30	30	30	30	30	9	30

Quesnel 53° 02′ N 122° 31′ W 545 m

British Columbia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·0	−14·4	7·0	−30·4	13·9	−46·7	87	84	47	40	11	—	—	—	—
February	0·2	−11·7	10·7	−28·4	15·0	−43·3	82	73	33	37	9	—	—	—	—
March	6·3	−6·7	14·7	−20·2	21·1	−38·9	70	58	28	24	9	—	—	—	—
April	13·2	−1·7	22·7	−9·6	31·1	−21·7	58	43	21	18	7	—	—	—	—
May	19·2	2·9	28·4	−4·0	35·6	−10·0	53	41	34	36	9	—	—	—	—
June	21·6	7·0	29·6	0·4	35·6	−3·3	60	49	60	55	12	—	—	—	—
July	24·5	8·9	32·9	3·4	40·6	0·0	60	47	56	32	11	—	—	—	—
August	22·9	8·1	31·3	2·5	37·8	−1·7	69	51	60	48	11	—	—	—	—
September	18·9	4·6	27·4	−3·0	33·3	−8·9	74	52	40	32	10	—	—	—	—
October	11·6	0·2	22·0	−8·3	28·3	−21·1	79	64	46	35	11	—	—	—	—
November	2·7	−5·7	11·8	−16·9	17·2	−37·8	85	81	42	25	11	—	—	—	—
December	−1·4	−9·3	8·3	−24·4	15·0	−40·0	87	86	44	27	11	—	—	—	—
Year	11·2	−1·5	33·9*	−34·8*	40·6	−46·7	72	61	511	55	122	—	—	—	—
No. of Years	23	23	30	30	30	30	15	15	30	30	30	—	—	—	—

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*Average of highest/lowest each year

CANADA

Salmon Arm 50° 42′ N 119° 14′ W 506 m

British Columbia

Period 1931–60 Bibliography 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−1·7	−7·9	6·2	−19·4	11·1	−34·4	—	—	60	28	12	31	12	6·0	19
February	1·7	−6·6	9·1	−17·2	15·6	−28·9	—	—	45	29	9	62	22	8·4	12
March	7·6	−2·6	14·4	−11·7	20·6	−26·1	—	—	35	23	8	117	31	10·9	8
April	14·8	1·7	23·4	−4·3	30·0	−12·8	—	—	28	30	8	166	40	13·5	4
May	20·3	6·1	29·5	−0·3	36·1	−5·0	—	—	39	31	9	224	47	14·0	4
June	23·4	9·5	32·1	3·7	36·7	−1·1	—	—	50	27	11	216	44	14·5	3
July	27·8	11·6	36·1	6·4	41·1	1·7	—	—	36	34	7	292	59	14·4	1
August	26·4	10·8	33·7	5·8	37·8	1·7	—	—	34	26	7	249	55	13·3	2
September	21·4	7·3	29·4	0·6	33·9	−2·8	—	—	37	41	7	178	47	12·3	4
October	12·9	2·9	21·3	−3·4	26·1	−9·4	—	—	49	30	11	96	29	9·2	9
November	4·6	−1·7	12·1	−9·3	18·3	−21·1	—	—	53	25	11	35	13	6·9	16
December	0·9	−4·6	8·5	−14·3	12·8	−27·8	—	—	68	50	12	18	7	5·7	21
Year	13·3	2·2	36·3*	−23·2*	41·1	−34·4	—	—	534	50	112	1684	34	14·5	103
No. of Years	30	30	30	30	30	30	—	—	30	30	30	30	30	10	30

Sandspit 53° 15′ N 131° 49′ W 8 m

British Columbia

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·7	−0·2	9·2	−6·4	12·2	−13·9	88	85	148	57	20	56	22	7·5	11
February	4·9	0·8	9·4	−5·4	11·7	−12·2	87	84	109	35	18	80	29	9·5	7
March	5·9	1·2	10·2	−4·3	12·2	−12·2	84	80	107	47	19	116	31	10·2	6
April	8·8	2·7	13·1	−1·3	18·9	−2·8	78	77	86	79	17	154	37	14·6	5
May	11·9	6·0	16·3	1·3	21·7	−0·6	79	79	50	48	12	224	45	15·8	2
June	14·4	8·9	19·2	5·3	25·0	2·2	80	79	47	27	13	166	34	16·6	3
July	16·6	11·3	21·3	8·0	26·1	5·6	81	80	47	22	13	200	42	16·0	2
August	17·3	11·7	21·8	8·3	26·7	5·6	80	80	52	37	12	147	32	14·8	3
September	15·7	9·9	19·8	4·2	21·7	−0·6	81	79	75	30	14	139	37	12·0	4
October	11·7	6·1	16·1	0·7	18·9	−2·2	85	82	173	49	22	85	26	9·4	9
November	8·1	3·2	13·2	−2·0	15·6	−6·1	90	87	192	35	22	58	23	8·4	10
December	5·7	1·1	10·6	−4·7	13·3	−10·0	90	87	181	56	22	38	16	6·3	14
Year	10·4	5·2	22·6*	−9·6*	26·7	−13·9	84	82	1267	79	204	1463	31	16·6	76
No. of Years	14	14	14	14	14	14	14	14	14	14	14	6	6	6	6

Smith River 59° 54′ N 126° 26′ W 673 m

British Columbia

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−18·7	−29·5	−0·7	−45·5	9·4	−58·9	85	84	34	19	16	—	—	—	—
February	−11·7	−24·4	2·6	−41·6	8·9	−54·4	83	79	29	18	13	—	—	—	—
March	−2·3	−17·1	8·2	−34·6	13·9	−45·6	77	65	24	13	11	—	—	—	—
April	5·1	−7·4	12·5	−21·6	19·4	−35·6	64	53	19	17	8	—	—	—	—
May	14·0	−0·2	23·8	−6·6	31·7	−12·8	54	45	27	25	8	—	—	—	—
June	19·0	4·9	26·2	−2·0	33·3	−6·1	57	48	60	37	13	—	—	—	—
July	20·9	7·1	27·9	0·5	31·7	−1·1	62	51	64	43	13	—	—	—	—
August	18·9	5·2	26·7	−2·4	31·1	−5·0	66	53	47	68	11	—	—	—	—
September	13·2	1·1	22·4	−8·0	26·1	−18·9	76	59	37	17	11	—	—	—	—
October	4·1	−5·8	13·8	−18·9	18·3	−31·1	83	70	39	20	12	—	—	—	—
November	−7·8	−17·1	6·3	−33·7	13·3	−48·3	86	84	38	29	14	—	—	—	—
December	−15·9	−26·1	0·5	−41·4	8·9	−52·8	87	86	39	24	16	—	—	—	—
Year	3·2	−9·1	29·4*	−48·7*	33·3	−58·9	73	65	457	68	146	—	—	—	—
No. of Years	16	16	16	16	16	16	16	16	17	17	17	—	—	—	—

*Average of highest/lowest each year

CANADA

Vancouver 49° 11′ N 123° 10′ W 5 m British Columbia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1600							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	5·6	0·0	11·1	−7·8	15·0	−17·8	89	85	214	75	20	51	16	7·8	17
February	7·2	1·1	12·2	−6·1	16·1	−16·1	89	79	161	61	16	85	27	10·0	10
March	10·0	2·8	15·0	−2·8	20·0	−9·4	88	72	151	39	17	118	31	10·7	8
April	13·9	5·0	20·0	0·6	26·1	−3·3	87	65	90	60	13	178	41	13·5	5
May	17·2	8·3	23·9	3·3	28·3	0·6	88	63	69	23	10	234	47	14·2	4
June	20·0	11·1	25·6	7·2	29·4	4·4	88	63	65	40	10	223	43	14·6	4
July	22·8	12·8	27·8	8·9	32·2	4·4	89	62	39	38	7	294	58	15·1	2
August	22·2	12·2	27·2	8·9	33·3	6·1	91	65	44	41	7	255	56	14·0	3
September	18·9	10·0	25·0	4·4	29·4	0·0	92	72	83	50	10	180	46	12·3	4
October	13·9	6·7	20·0	0·6	25·0	−6·1	92	80	172	60	15	114	33	9·6	9
November	9·4	3·3	13·9	−3·9	17·2	−12·2	91	85	198	61	18	61	19	8·8	14
December	6·7	1·7	12·2	−6·1	14·4	−13·3	91	88	243	59	21	42	14	7·5	17
Year	13·9	6·2	28·9*	−10·6*	33·3	−17·8	90	73	1529	75	164	1835	36	15·1	97
No. of Years	30	30	30	30	30	30	30	30	30	29	30	30	30	9	30

Victoria 48° 25′ N 123° 19′ W 69 m British Columbia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1600							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	2·2	10·6	−3·9	13·3	−14·4	88	84	111	77	19	70	26	8·8	11
February	7·8	2·8	11·7	−2·8	15·6	−12·8	87	78	82	60	15	97	34	10·5	6
March	10·0	3·9	15·0	0·0	18·9	−7·2	87	73	57	31	15	146	40	11·2	4
April	13·3	6·1	19·4	2·2	23·9	0·0	85	67	31	30	11	210	51	14·0	2
May	16·1	8·3	23·3	5·0	29·4	2·2	87	65	23	38	9	277	58	15·0	1
June	18·3	10·0	25·6	7·8	33·3	5·0	89	67	27	34	7	277	58	15·4	1
July	20·0	11·1	27·8	8·9	35·0	7·2	90	66	15	22	5	337	70	15·5	1
August	20·0	11·1	27·8	9·4	32·8	7·2	91	70	18	22	5	299	68	14·5	1
September	18·3	10·0	26·1	6·7	31·7	0·6	90	73	32	35	8	208	55	12·5	2
October	13·9	7·8	20·6	3·9	25·0	−2·8	92	80	72	42	14	141	42	10·5	5
November	9·4	5·0	13·3	0·6	18·9	−11·1	90	88	100	69	18	81	29	9·3	9
December	7·8	3·3	11·7	−1·7	15·0	−7·8	90	87	128	81	20	66	25	8·0	11
Year	13·3	6·7	30·0*	−6·1*	35·0	−14·4	89	75	696	81	146	2209	46	15·5	54
No. of Years	30	30	30	30	30	30	20	30	30	30	30	30	30	9	30

Wistaria 53° 49′ N 126° 10′ W 873 m British Columbia

Period 1931–60 Bibliography 4	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−5·6	−14·7	4·8	−29·6	8·9	−43·9	—	—	41	25	13	—	—	—	—
February	−1·8	−12·8	7·2	−28·2	12·8	−40·6	—	—	29	18	10	—	—	—	—
March	2·9	−7·5	10·1	−23·3	15·6	−35·6	—	—	28	17	11	—	—	—	—
April	8·4	−3·6	16·7	−11·3	26·7	−25·6	—	—	21	23	8	—	—	—	—
May	14·7	0·8	23·7	−5·1	35·6	−9·4	—	—	26	23	8	—	—	—	—
June	17·7	4·4	24·7	−1·1	32·2	−4·4	—	—	42	30	12	—	—	—	—
July	20·1	6·3	28·4	0·6	36·1	−2·8	—	—	43	40	11	—	—	—	—
August	19·9	5·9	27·8	−0·2	35·0	−2·8	—	—	39	32	11	—	—	—	—
September	16·0	2·8	24·8	−4·8	29·4	−11·1	—	—	34	26	10	—	—	—	—
October	8·7	−0·8	17·3	−9·1	24·4	−18·9	—	—	43	28	13	—	—	—	—
November	1·0	−6·1	9·4	−15·9	15·6	−31·1	—	—	51	30	14	—	—	—	—
December	−3·7	−11·1	5·3	−24·2	11·1	−36·7	—	—	56	43	14	—	—	—	—
Year	8·2	−3·0	29·8*	−33·9*	36·1	−43·9	—	—	453	43	135	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Berens River 52° 18′ N 97° 02′ W 219 m — Manitoba

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−14·2	−24·9	1·7	−38·3	4·4	−43·9	—	—	22	25	5	—	—	—	—
February	−12·0	−24·1	0·7	−36·8	7·2	−44·4	—	—	18	17	5	—	—	—	—
March	−3·4	−16·2	9·1	−32·3	13·9	−37·8	—	—	22	24	6	—	—	—	—
April	5·8	−5·6	17·9	−19·6	28·9	−31·7	—	—	23	41	6	—	—	—	—
May	14·1	2·4	27·2	−5·8	32·2	−11·7	—	—	29	33	6	—	—	—	—
June	20·2	8·8	30·0	0·9	39·4	−1·7	—	—	65	47	9	—	—	—	—
July	23·9	13·3	31·5	6·2	40·0	2·2	—	—	55	65	8	—	—	—	—
August	21·9	11·2	29·9	3·0	33·9	−1·1	—	—	57	94	9	—	—	—	—
September	15·3	5·7	25·3	−2·2	32·2	−6·7	—	—	64	53	9	—	—	—	—
October	8·7	−0·6	18·7	−9·7	24·4	−18·9	—	—	37	34	5	—	—	—	—
November	−2·9	−10·2	5·7	−24·6	11·1	−32·2	—	—	31	30	7	—	—	—	—
December	−10·8	−20·3	1·0	−34·0	7·2	−47·2	—	—	24	22	6	—	—	—	—
Year	5·5	−5·0	33·1*	−39·7*	40·0	−47·2	—	—	447	94	81	—	—	—	—
No. of Years	17	17	17	17	17	17	—	—	22	22	22	—	—	—	—

Brochet 57° 53′ N 101° 40′ W 351 m — Manitoba

Period 1949–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−25·2	−33·2	−8·3	−46·8	3·3	−50·6	—	83	11	8	9	—	—	—	—
February	−17·9	−29·6	−3·3	−44·4	5·6	−48·9	79	75	11	8	10	—	—	—	—
March	−10·4	−23·4	3·9	−39·4	7·2	−46·8	79	71	15	13	9	—	—	—	—
April	0·5	−11·7	11·7	−28·9	20·0	−36·7	85	73	18	15	9	—	—	—	—
May	8·3	−1·9	18·9	−12·8	23·9	−23·3	82	66	39	30	9	—	—	—	—
June	15·2	5·0	23·9	−2·2	27·2	−6·7	79	59	45	33	10	—	—	—	—
July	20·0	10·7	27·8	4·4	32·8	3·3	82	61	71	36	12	—	—	—	—
August	18·4	9·7	26·1	3·9	28·9	0·6	87	65	55	36	12	—	—	—	—
September	10·6	4·1	19·4	−2·8	24·4	−6·1	87	72	61	48	14	—	—	—	—
October	2·3	−3·8	11·7	−15·6	18·3	−22·8	85	80	40	23	13	—	—	—	—
November	−9·6	−15·7	3·3	−34·4	7·8	−41·7	85	84	30	20	15	—	—	—	—
December	−16·7	−25·7	−2·8	−42·2	2·2	−45·6	78	75	23	13	13	—	—	—	—
Year	−0·4	−9·6	28·3*	−47·8*	32·8	−50·6	—	72	419	48	135	—	—	—	—
No. of Years	11	11	12	12	12	12	12	12	12	12	12	—	—	—	—

Churchill 58° 45′ N 94° 04′ W 35 m — Manitoba

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1730							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−24·3	−31·9	−11·7	−41·1	−2·2	−43·9	85	81	14	9	9	81	39	7·7	11
February	−22·4	−30·7	−8·9	−38·3	1·1	−45·0	82	81	16	13	9	129	49	10·2	5
March	−15·0	−23·9	−0·6	−35·6	4·4	−43·9	84	85	18	15	10	190	52	10·9	3
April	−6·8	−15·4	5·0	−27·2	14·4	−33·3	87	87	30	15	13	186	43	15·0	6
May	0·8	−5·4	12·8	−15·0	27·2	−21·1	90	87	34	29	11	174	33	16·3	7
June	10·1	1·6	25·0	−3·9	31·1	−9·4	89	78	44	33	10	212	39	17·4	4
July	16·9	7·0	29·4	1·7	32·8	−1·7	88	70	30	52	12	284	52	17·5	2
August	16·0	7·8	27·2	2·8	32·8	0·6	91	75	62	51	13	234	49	15·7	3
September	8·7	2·9	20·0	−2·8	23·9	−6·7	92	83	53	42	15	103	27	13·0	8
October	1·5	−3·9	11·1	−13·9	18·9	−21·7	92	87	42	24	16	69	22	9·9	11
November	−7·3	−14·6	1·1	−27·8	5·0	−33·9	91	89	42	22	17	47	20	8·0	16
December	−17·6	−25·6	−4·4	−36·7	2·2	−38·9	84	84	25	22	14	58	30	6·6	13
Year	−3·3	−11·0	30·0*	−41·1*	32·8	−45·0	88	82	410	52	149	1767	38	17·5	89
No. of Years	15	15	16	16	16	16	16	16	16	16	16	13	13	9	13

*Average of highest/lowest each year

CANADA

Dauphin 51° 06′ N 100° 03′ W 304 m Manitoba

Period 1931–60 Bibliography 1	Temperature Average daily Max.	Temperature Average daily Min.	Temperature Average monthly Max.	Temperature Average monthly Min.	Temperature Absolute Max.	Temperature Absolute Min.	Relative humidity Average of observations at 0530	Relative humidity Average of observations at 1130	Precipitation Average monthly fall	Precipitation Maximum fall in 24 h	Precipitation Average No. of days with 0·3 mm or more	Bright sunshine Average monthly duration	Bright sunshine Average per cent of possible	Bright sunshine Maximum duration in one day	Bright sunshine Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·6	−22·1	2·1	−35·6	8·3	−42·8	89	86	25	18	11	113	43	8·5	7
February	−9·8	−20·8	3·8	−33·7	13·9	−41·7	90	81	19	22	9	141	50	10·4	5
March	−3·1	−14·0	8·9	−27·8	16·7	−35·6	90	76	30	52	9	171	47	10·6	4
April	8·6	−2·7	22·8	−14·8	33·3	−24·4	82	60	26	25	7	225	54	13·9	3
May	17·0	3·9	30·8	−5·1	36·1	−12·2	79	54	49	61	10	266	55	15·2	2
June	21·5	9·1	31·3	1·0	40·6	−3·9	85	60	96	100	12	253	51	16·0	2
July	25·5	12·7	34·1	6·1	40·0	2·2	87	61	63	68	11	335	68	15·8	1
August	24·3	11·3	33·1	3·5	37·8	−0·6	90	61	64	57	10	265	59	14·8	2
September	18·1	6·0	29·5	−3·0	37·2	−8·3	88	63	46	79	10	167	44	12·7	3
October	11·9	0·5	25·3	−9·7	31·1	−16·1	83	62	27	51	8	154	47	10·3	6
November	−0·8	−9·0	12·2	−22·8	21·7	−32·2	87	77	26	20	9	91	34	9·2	9
December	−7·8	−17·4	4·9	−31·9	13·9	−41·1	90	85	24	23	10	87	36	7·7	9
Year	7·7	−3·5	35·2*	−37·2*	40·6	−42·8	87	69	495	100	116	2268	49	16·0	53
No. of Years	22	22	29	29	29	29	17	17	29	29	29	10	10	10	10

Gillam 56° 21′ N 94° 42′ W 138 m Manitoba

Period 1945–60 Bibliography 1	Temperature Average daily Max.	Temperature Average daily Min.	Temperature Average monthly Max.	Temperature Average monthly Min.	Temperature Absolute Max.	Temperature Absolute Min.	Relative humidity Average of observations at 0530	Relative humidity Average of observations at 1130	Precipitation Average monthly fall	Precipitation Maximum fall in 24 h	Precipitation Average No. of days with 0·3 mm or more	Bright sunshine Average monthly duration	Bright sunshine Average per cent of possible	Bright sunshine Maximum duration in one day	Bright sunshine Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−22·5	−32·1	−8·4	−43·8	1·1	−47·8	90	86	14	17	12	—	—	—	—
February	−17·8	−29·8	−4·5	−40·8	1·7	−43·9	88	87	14	12	10	—	—	—	—
March	−9·1	−22·7	4·7	−38·3	10·0	−45·6	91	82	17	12	9	—	—	—	—
April	−0·3	−12·5	12·4	−26·9	26·7	−36·7	89	74	22	18	8	—	—	—	—
May	8·0	−3·2	22·4	−12·7	32·2	−21·1	86	67	31	36	8	—	—	—	—
June	16·4	3·4	28·0	−3·9	33·3	−8·3	86	62	50	37	11	—	—	—	—
July	21·7	8·3	31·5	1·1	37·8	−1·1	87	61	72	50	12	—	—	—	—
August	19·5	7·2	28·7	−0·4	32·2	−3·9	93	65	65	34	12	—	—	—	—
September	11·4	2·2	22·3	−5·9	30·0	−11·1	94	73	61	42	12	—	—	—	—
October	4·0	−3·8	16·7	−15·9	25·6	−25·0	93	79	34	24	13	—	—	—	—
November	−8·4	−15·9	2·9	−31·0	7·8	−36·7	92	88	29	20	15	—	—	—	—
December	−17·0	−26·6	1·9	−39·8	3·3	−44·4	88	88	22	16	13	—	—	—	—
Year	0·5	−10·5	31·8*	−44·8*	37·8	−47·8	90	76	431	50	135	—	—	—	—
No. of Years	16	16	16	16	16	16	16	16	16	16	16	—	—	—	—

Gimli 50° 38′ N 97° 03′ W 221 m Manitoba

Period 1944–60 Bibliography 1	Temperature Average daily Max.	Temperature Average daily Min.	Temperature Average monthly Max.	Temperature Average monthly Min.	Temperature Absolute Max.	Temperature Absolute Min.	Relative humidity Average of observations at 0530	Relative humidity Average of observations at 1130	Precipitation Average monthly fall	Precipitation Maximum fall in 24 h	Precipitation Average No. of days with 0·3 mm or more	Bright sunshine Average monthly duration	Bright sunshine Average per cent of possible	Bright sunshine Maximum duration in one day	Bright sunshine Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−14·2	−23·7	−0·9	−36·2	6·1	−45·6	85	81	25	17	12	—	—	—	—
February	−10·2	−20·9	1·1	−33·3	7·8	−39·4	87	81	18	17	10	—	—	—	—
March	−3·7	−14·6	6·9	−29·2	15·0	−33·3	87	76	22	32	8	—	—	—	—
April	7·1	−3·0	20·2	−13·5	32·8	−28·3	84	65	25	19	7	—	—	—	—
May	15·1	3·7	28·6	−4·5	33·9	−13·9	79	56	51	43	9	—	—	—	—
June	20·7	9·9	30·1	1·3	36·7	−1·7	83	60	84	52	12	—	—	—	—
July	24·8	13·4	31·9	5·9	34·4	2·2	85	61	74	109	11	—	—	—	—
August	23·4	12·4	31·7	4·7	40·0	1·7	88	63	73	72	9	—	—	—	—
September	16·7	6·8	27·2	−1·9	32·2	−7·8	88	65	58	57	10	—	—	—	—
October	10·4	1·2	22·2	−7·9	26·7	−18·9	86	67	44	88	8	—	—	—	—
November	−1·3	−8·1	9·6	−21·9	17·2	−30·6	88	78	36	27	10	—	—	—	—
December	−9·7	−18·6	2·9	−33·1	5·6	−39·4	87	83	25	17	11	—	—	—	—
Year	6·6	−3·4	33·7*	−37·5*	40·0	−45·6	85	70	535	109	117	—	—	—	—
No. of Years	17	17	17	17	17	17	17	17	17	17	17	—	—	—	—

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*Average of highest/lowest each year

CANADA

Lynn Lake 56° 51′ N 101° 02′ W 340 m Manitoba

Period 1952–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−22·9	−32·4	−6·9	−44·1	2·2	−47·2	—	—	17	8	6	—	—	—	—
February	−16·6	−27·8	−3·0	−40·4	5·6	−44·4	—	—	17	11	6	—	—	—	—
March	−8·6	−22·8	6·5	−38·9	11·1	−44·4	—	—	21	15	6	—	—	—	—
April	2·3	−10·6	14·2	−27·4	23·9	−36·7	—	—	28	24	6	—	—	—	—
May	11·6	−0·9	23·2	−11·6	30·0	−18·9	—	—	36	26	6	—	—	—	—
June	18·8	6·4	27·2	−0·6	30·6	−3·3	—	—	50	35	8	—	—	—	—
July	21·9	9·8	30·6	2·8	35·6	0·6	—	—	81	46	11	—	—	—	—
August	19·3	8·2	27·4	1·8	30·0	−2·2	—	—	60	69	10	—	—	—	—
September	11·1	2·2	20·4	−4·8	28·9	−7·8	—	—	71	56	12	—	—	—	—
October	5·6	−2·9	17·1	−13·2	22·2	−18·9	—	—	29	17	7	—	—	—	—
November	−7·7	−15·9	4·0	−32·9	9·4	−40·0	—	—	27	18	9	—	—	—	—
December	−16·2	−26·0	−2·5	−41·3	2·8	−46·7	—	—	30	20	7	—	—	—	—
Year	1·5	−9·4	31·3*	−45·6*	35·6	−47·2	—	—	467	69	94	—	—	—	—
No. of Years	14	14	14	14	14	14	—	—	13	13	13	—	—	—	—

Morden 49° 11′ N 98° 05′ W 302 m Manitoba

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·3	−20·5	2·8	−33·4	13·9	−41·1	—	—	28	25	8	101	37	9·1	8
February	−8·8	−18·7	4·6	−31·3	14·4	−39·4	—	—	21	33	6	136	48	10·5	5
March	−1·4	−11·3	10·7	−25·6	25·0	−33·3	—	—	33	46	7	161	44	11·1	4
April	9·8	−1·7	24·0	−12·2	33·9	−21·7	—	—	33	29	7	206	50	13·8	4
May	18·2	4·8	31·2	−4·6	42·2	−11·1	—	—	54	134	8	241	51	14·8	4
June	22·9	10·4	33·2	2·1	40·6	−1·1	—	—	77	62	10	239	50	15·3	2
July	27·2	13·8	35·9	6·9	43·9	2·2	—	—	70	81	9	299	61	15·3	1
August	25·9	12·6	35·3	4·9	38·9	0·6	—	—	68	61	9	266	60	14·2	1
September	19·7	7·1	31·6	−2·2	38·3	−7·2	—	—	45	48	7	193	51	12·7	3
October	13·1	1·4	25·9	−9·1	31·1	−15·6	—	—	33	45	6	162	49	10·5	5
November	0·1	−7·7	12·9	−21·3	21·1	−30·6	—	—	29	30	7	91	33	9·3	10
December	−7·2	−15·8	5·7	−30·1	17·8	−37·8	—	—	23	25	7	89	35	8·1	10
Year	9·0	−2·1	37·2*	−34·8*	43·9	−41·1	—	—	514	134	91	2184	47	15·3	57
No. of Years	23	23	30	30	30	30	—	—	30	30	30	30	30	10	30

Rivers 50° 01′ N 100° 19′ W 473 m Manitoba

Period 1938–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·2	−22·9	0·3	−36·7	5·0	−43·9	—	—	21	18	11	113	43	9·0	7
February	−9·9	−20·6	1·0	−34·2	6·1	−42·2	—	—	20	19	11	155	54	10·4	4
March	−3·6	−14·1	8·3	−29·2	19·4	−37·2	—	—	24	19	10	172	47	10·7	4
April	8·8	−2·4	22·6	−13·6	31·7	−23·3	—	—	22	21	8	217	53	13·8	3
May	17·1	4·1	30·0	−5·1	34·4	−9·4	—	—	47	75	9	254	53	15·2	3
June	21·1	9·2	30·3	1·6	36·1	−3·3	—	—	95	90	13	257	53	16·1	2
July	25·9	12·8	33·5	5·8	37·2	2·2	—	—	75	65	11	252	72	16·1	1
August	24·4	11·4	33·1	4·2	36·7	0·0	—	—	59	139	9	298	67	15·1	1
September	18·1	5·6	29·3	−3·6	35·6	−7·8	—	—	38	50	8	189	53	12·9	2
October	11·3	−0·4	24·5	−9·7	29·4	−16·7	—	—	24	41	6	170	52	10·4	5
November	−1·4	−9·7	10·6	−23·6	17·2	−32·8	—	—	27	37	10	100	37	9·5	9
December	−8·6	−18·2	3·2	−32·1	12·2	−39·4	—	—	22	25	11	94	37	7·8	9
Year	7·5	−3·8	34·7*	−38·1*	37·2	−43·9	—	—	474	139	117	2371	52	16·1	50
No. of Years	20	20	22	22	22	22	—	—	22	22	22	9	9	9	9

*Average of highest/lowest each year

The Pas 53° 58′ N 101° 06′ W 272 m Manitoba

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−17·6	−26·8	−3·7	−39·7	3·9	−45·0	86	84	22	12	14	93	37	7·9	9
February	−12·8	−23·7	−0·2	−36·3	7·8	−45·0	86	81	19	10	10	125	45	10·0	6
March	−5·1	−16·9	7·6	−31·7	12·2	−38·3	87	75	22	26	10	168	46	11·0	5
April	4·7	−6·2	16·9	−17·8	30·0	−27·2	84	64	29	22	9	205	49	14·7	4
May	13·7	1·8	26·3	−6·2	30·6	−12·8	83	57	39	41	8	265	54	15·5	3
June	19·3	8·1	28·6	1·1	35·6	−3·3	86	62	62	48	11	256	50	16·2	3
July	23·4	12·6	31·3	6·2	36·7	3·3	89	61	67	57	12	307	60	16·3	1
August	21·4	11·1	29·4	4·3	34·4	2·2	92	66	60	68	11	253	55	14·8	2
September	14·7	5·6	25·2	−1·6	30·0	−7·2	91	68	57	53	12	161	43	12·8	5
October	7·7	−0·7	19·1	−9·6	24·4	−13·3	88	72	29	29	9	126	39	10·9	7
November	−4·5	−10·8	7·2	−25·4	12·8	−32·8	89	82	32	18	14	62	24	8·7	13
December	−13·1	−21·6	0·6	−35·7	5·0	−43·3	89	86	24	14	14	67	29	7·3	12
Year	4·3	−5·6	32·3*	−41·0*	36·7	−45·0	87	71	462	68	134	2088	44	16·3	70
No. of Years	16	16	16	16	16	16	16	16	16	16	16	16	16	10	16

Wabowden 54° 55′ N 98° 38′ W 233 m Manitoba

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−19·7	−28·7	−5·6	−40·1	3·9	−46·7	82	82	17	11	10	—	—	—	—
February	−14·4	−25·6	−2·4	−38·1	7·8	−44·4	87	84	16	13	9	—	—	—	—
March	−5·2	−18·2	6·8	−33·1	12·2	−37·8	88	79	16	13	8	—	—	—	—
April	3·7	−8·5	16·9	−22·2	30·0	−33·9	86	66	22	30	7	—	—	—	—
May	12·3	0·1	25·0	−8·1	30·6	−14·4	83	56	42	40	8	—	—	—	—
June	18·2	6·2	28·0	−0·7	34·4	−3·3	84	59	67	45	12	—	—	—	—
July	22·9	10·9	31·2	4·4	34·4	1·1	87	61	77	39	12	—	—	—	—
August	20·6	9·5	28·9	2·1	31·1	−1·7	92	64	62	43	11	—	—	—	—
September	13·4	4·2	24·4	−3·5	30·0	−8·3	92	69	58	52	12	—	—	—	—
October	6·3	−1·8	18·3	−11·8	25·0	−16·7	90	73	30	17	9	—	—	—	—
November	−6·3	−13·3	5·2	−29·2	12·2	−36·7	91	85	25	15	13	—	—	—	—
December	−15·3	−23·9	−0·6	−38·4	4·4	−43·3	88	85	18	13	11	—	—	—	—
Year	3·0	−7·4	31·8*	−41·9*	34·4	−46·7	87	72	450	52	122	—	—	—	—
No. of Years	16	16	16	16	16	16	15	15	15	15	15	—	—	—	—

Winnipeg 49° 54′ N 97° 14′ W 240 m Manitoba

Period 1938–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1730							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−12·8	−22·3	0·6	−35·6	7·8	−42·2	85	83	26	19	12	109	41	8·8	8
February	−10·4	−20·6	0·6	−33·3	11·7	−38·9	88	85	20	24	10	134	47	10·4	5
March	−2·6	−12·6	8·9	−27·8	23·3	−37·2	87	78	25	30	10	167	46	11·5	5
April	9·1	−1·7	22·8	−12·2	33·9	−25·0	82	58	30	33	8	206	50	13·8	3
May	17·8	4·6	30·0	−5·0	35·0	−11·1	79	48	50	37	10	245	52	14·8	2
June	22·1	10·1	30·6	1·7	36·7	−1·7	83	54	86	49	13	245	50	15·3	2
July	26·3	13·6	33·9	6·1	37·8	1·7	86	55	73	69	11	312	64	15·0	1
August	25·2	12·6	33·3	4·4	40·6	1·1	87	55	72	65	10	269	60	14·2	1
September	18·8	7·1	29·4	−2·8	35·6	−7·8	87	61	52	65	10	181	48	12·7	3
October	11·9	1·2	23·3	−8·9	28·3	−20·6	84	66	38	74	8	161	48	10·7	4
November	−0·9	−8·5	10·0	−22·2	19·4	−32·2	86	81	28	28	11	79	29	9·3	11
December	−8·6	−17·2	2·8	−31·1	11·7	−37·2	87	85	22	22	11	84	33	7·8	11
Year	8·0	−2·8	35·0*	−36·7*	40·6	−42·2	85	67	522	74	124	2192	47	15·3	56
No. of Years	22	22	23	23	23	23	23	23	23	23	23	21	21	9	21

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*Average of highest/lowest each year

CANADA

Chatham 47° 01′ N 65° 27′ W 34 m — New Brunswick

Period 1931–60 Bibliography 1, 3	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·7	−14·9	6·1	−27·8	11·7	−37·8	83	77	87	58	14	105	38	9·1	11
February	−2·9	−13·9	6·1	−27·2	12·8	−36·7	83	75	80	54	13	120	42	10·3	8
March	1·2	−8·4	10·0	−21·7	17·8	−29·4	81	72	76	50	14	142	39	11·5	9
April	8·2	−1·8	18·9	−8·9	29·4	−15·6	78	65	73	46	12	179	44	13·9	6
May	15·8	3·8	27·8	−3·3	33·3	−8·9	75	64	75	58	13	211	45	14·4	6
June	21·0	9·2	31·1	1·7	36·7	−2·2	77	64	95	47	14	210	44	14·9	4
July	25·4	13·3	32·2	6·7	36·1	3·3	78	63	74	48	12	261	55	15·3	2
August	24·0	12·2	32·2	5·0	38·9	0·6	80	63	74	62	12	239	54	14·7	3
September	19·4	7·8	28·9	−1·1	33·9	−5·0	83	66	93	65	11	189	50	12·1	3
October	12·4	2·3	22·2	−16·7	27·2	−11·1	84	68	89	86	12	152	45	10·5	6
November	4·9	−2·9	16·1	−13·3	21·1	−24·4	85	76	104	65	13	89	32	9·4	11
December	2·3	−11·1	7·8	−24·4	16·1	−34·4	83	75	77	38	13	95	36	8·2	10
Year	10·2	−0·4	33·9*	−30·0*	38·9	−37·8	81	69	997	86	153	1992	44	15·3	79
No. of Years	22	22	30	30	30	30	30	30	30	30	30	11	11	9	11

Fredericton 45° 55′ N 66° 37′ W 40 m — New Brunswick

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·0	−14·7	7·8	−27·8	12·2	−33·9	—	—	99	44	11	100	35	8·7	10
February	−2·2	−14·2	7·2	−27·8	11·7	−35·6	—	—	83	41	9	117	40	10·2	8
March	2·4	−8·2	11·7	−20·0	21·1	−31·1	—	—	81	47	10	138	38	10·2	8
April	9·7	−1·2	20·6	−7·8	27·2	−15·0	—	—	88	73	12	158	39	13·6	7
May	17·2	4·2	28·3	−2·8	33·9	−5·6	—	—	85	48	12	206	45	15·0	5
June	22·0	9·3	31·1	2·8	35·6	0·6	—	—	96	58	13	198	42	15·0	5
July	25·6	12·8	31·7	7·2	35·0	4·4	—	—	89	66	12	235	49	15·4	3
August	24·6	11·9	31·7	5·6	38·9	2·8	—	—	81	83	11	225	52	13·9	3
September	19·7	7·6	28·9	−0·6	33·3	−3·9	—	—	93	105	10	159	42	12·6	5
October	13·3	2·2	22·8	−5·6	27·2	−8·9	—	—	99	70	11	143	42	10·0	7
November	5·8	−2·5	16·7	−12·8	21·7	−20·6	—	—	109	79	13	90	31	9·3	11
December	−1·7	−11·2	8·9	−11·7	16·1	−31·7	—	—	93	63	11	91	34	8·0	10
Year	11·0	−0·3	33·3*	−30·0*	38·9	−35·6	—	—	1096	105	135	1860	41	15·4	82
No. of Years	23	23	30	30	30	30	—	—	30	30	30	30	30	10	30

Moncton 46° 07′ N 64° 41′ W 76 m — New Brunswick

Period 1939–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·2	−12·6	8·2	−25·3	13·3	−32·2	87	78	101	55	15	92	37	9·1	11
February	−2·3	−11·8	7·7	−24·1	13·9	−31·1	88	76	102	72	14	122	42	10·1	8
March	1·7	−7·1	10·9	−17·9	18·9	−26·1	84	68	83	44	14	133	36	11·2	8
April	8·2	−1·4	19·3	−7·7	28·3	−13·9	79	60	77	46	13	174	43	13·4	6
May	15·7	4·0	26·7	−3·3	30·6	−6·1	77	57	82	47	13	225	49	14·0	5
June	20·4	8·9	30·2	1·5	34·4	−1·1	80	59	90	58	12	203	44	14·2	4
July	24·8	12·7	31·1	6·5	35·6	3·9	82	58	77	48	11	249	51	14·1	2
August	23·7	11·7	30·9	4·4	37·2	2·2	85	58	78	66	11	224	51	13·8	2
September	19·5	7·8	28·3	−1·1	33·3	−3·9	87	60	79	100	11	173	46	11·5	5
October	13·1	2·6	22·1	−5·9	26·1	−10·0	88	62	73	51	12	155	46	10·2	6
November	6·3	−1·8	17·4	−11·5	22·2	−16·7	89	74	107	62	14	91	33	9·5	11
December	−0·9	−9·6	10·0	−21·6	16·1	−27·8	88	77	91	47	14	92	35	8·4	11
Year	10·6	0·3	32·4*	−26·8*	37·2	−32·2	85	66	1040	100	154	1933	43	14·2	79
No. of Years	21	21	22	22	22	22	21	21	21	21	21	5	5	5	5

*Average of highest/lowest each year

CANADA

St Andrew's 45° 05′ N 67° 04′ W 15 m — New Brunswick

Period 1934–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·2	−10·3	8·3	−20·6	13·9	−27·8	—	—	119	70	10	—	—	—	—
February	−0·4	−9·8	7·5	−19·4	10·6	−27·8	—	—	94	55	9	—	—	—	—
March	3·4	−5·1	12·2	−13·9	22·8	−22·8	—	—	106	81	9	—	—	—	—
April	8·9	0·8	18·3	−5·0	27·2	−11·1	—	—	104	95	9	—	—	—	—
May	14·6	5·8	23·9	0·0	28·3	−3·3	—	—	95	77	9	—	—	—	—
June	19·3	9·2	27·8	4·4	33·3	2·2	—	—	91	74	9	—	—	—	—
July	23·0	12·6	29·4	9·4	32·2	6·7	—	—	83	60	8	—	—	—	—
August	22·6	12·6	29·4	8·3	35·6	6·7	—	—	77	118	8	—	—	—	—
September	18·7	9·2	26·7	2·8	31·1	−1·1	—	—	99	98	8	—	—	—	—
October	13·2	4·6	20·6	−1·7	25·6	−3·9	—	—	101	146	9	—	—	—	—
November	7·3	0·3	15·6	−7·2	18·9	−12·2	—	—	136	117	10	—	—	—	—
December	1·1	−7·2	10·6	−17·8	15·0	−24·4	—	—	123	73	9	—	—	—	—
Year	10·9	1·9	31·1*	−22·2*	35·6	−27·8	—	—	1228	146	107	—	—	—	—
No. of Years	21	21	21	21	21	21	—	—	27	27	27	—	—	—	—

Saint John 45° 17′ N 66° 04′ W 36 m — New Brunswick

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·9	−10·8	8·2	−22·2	12·8	−30·0	83	73	133	71	15	106	37	9·0	10
February	−1·1	−10·3	6·9	−20·9	10·6	−28·9	82	69	108	54	13	123	41	10·7	8
March	2·7	−5·6	10·3	−15·3	15·6	−23·3	79	66	102	60	14	152	41	11·0	8
April	8·3	0·2	15·9	−5·6	21·7	−12·2	79	66	98	73	14	159	39	13·5	7
May	13·8	5·1	22·4	0·0	27·2	−3·3	79	66	94	54	14	202	44	14·8	5
June	18·0	9·2	26·4	5·3	31·1	2·8	83	71	97	75	14	200	43	14·8	6
July	21·3	12·3	27·4	9·3	30·6	4·4	85	70	83	87	13	224	47	14·5	5
August	21·3	12·6	27·3	8·7	32·2	5·6	87	70	95	90	13	216	50	14·3	4
September	17·8	9·7	24·8	3·3	33·9	−0·6	88	69	107	118	13	166	44	12·8	6
October	12·8	5·1	20·3	−2·0	26·7	−5·6	87	67	106	86	13	149	44	10·5	7
November	6·9	−0·1	14·4	−8·9	21·1	−16·7	86	76	134	92	15	94	33	9·4	10
December	0·6	−7·5	9·9	−19·1	15·0	−29·4	85	72	121	79	15	100	38	8·6	10
Year	10·1	1·7	29·0*	−24·1*	33·9	−30·0	84	70	1278	118	166	1891	42	14·8	86
No. of Years	23	23	30	30	30	30	18	13	30	30	30	30	30	10	30

Summit Depot 47° 47′ N 68° 20′ W 393 m — New Brunswick

Period 1948–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·7	−18·3	2·2	−31·7	8·9	−40·0	—	—	62	36	6	39	14	7·3	20
February	−6·2	−16·4	2·2	−29·4	7·8	−36·7	—	—	66	81	7	67	23	8·7	13
March	−2·4	−12·8	7·2	−25·6	14·4	−32·2	—	—	58	56	5	73	20	9·5	17
April	5·4	−3·6	13·9	−13·9	18·3	−23·3	—	—	66	26	8	107	26	12·4	13
May	13·4	1·7	26·1	−5·0	32·2	−10·6	—	—	73	40	13	163	35	14·9	9
June	18·8	7·1	28·9	−1·1	33·3	−5·0	—	—	120	45	15	179	38	13·4	5
July	21·9	10·1	29·4	2·8	33·3	1·1	—	—	98	166	16	193	41	13·2	5
August	20·6	8·4	27·8	1·7	31·7	0·0	—	—	111	53	13	191	43	12·6	5
September	15·7	4·2	26·1	−4·4	28·9	−7·8	—	—	96	50	12	121	33	11·1	8
October	8·8	−0·6	18·9	−8·3	23·3	−12·8	—	—	76	55	10	102	31	10·1	9
November	1·3	−5·7	12·2	−15·6	17·2	−23·3	—	—	105	63	10	50	18	8·2	15
December	−5·9	−13·6	4·4	−25·0	12·8	−34·4	—	—	77	42	7	33	12	5·7	19
Year	6·9	−3·3	31·1*	−33·3*	33·3	−40·0	—	—	1008	166	122	1318	28	14·9	138
No. of Years	11	11	13	13	13	13	—	—	13	13	13	5	5	5	5

*Average of highest/lowest each year

CANADA

Belle Isle 51° 53′ N 55° 23′ W 129 m Newfoundland

Period 1933–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·9	−14·1	1·7	−25·6	8·9	−34·4	89	89	58	51	12	—	—	—	—
February	−6·6	−13·3	1·7	−23·9	11·1	−31·1	90	90	63	29	12	—	—	—	—
March	−3·9	−9·4	1·7	−18·9	6·7	−23·9	90	90	58	38	13	—	—	—	—
April	−0·2	−4·8	3·9	−12·2	7·8	−18·9	92	92	61	41	12	—	—	—	—
May	3·6	−1·4	9·4	−6·1	12·8	−9·4	93	89	69	83	12	—	—	—	—
June	8·5	2·1	15·6	−1·1	20·6	−3·9	94	88	94	66	13	—	—	—	—
July	12·7	6·2	18·9	1·7	22·8	−1·7	94	88	76	69	13	—	—	—	—
August	13·2	7·4	18·3	3·3	22·2	0·0	93	87	86	59	13	—	—	—	—
September	10·1	4·8	16·1	0·0	20·6	−3·3	92	87	91	56	14	—	—	—	—
October	5·1	0·4	10·6	−5·0	14·4	−11·1	93	88	89	74	12	—	—	—	—
November	0·6	−4·3	6·7	−11·7	11·1	−17·8	92	91	86	52	13	—	—	—	—
December	−3·9	−9·7	2·8	−19·4	7·2	−27·8	91	90	69	46	14	—	—	—	—
Year	2·7	−3·0	19·4*	−25·6*	22·8	−34·4	92	89	900	83	153	—	—	—	—
No. of Years	27	27	28	28	28	28	22	18	28	28	28	—	—	—	—

Buchans 48° 51′ N 56° 50′ W 276 m Newfoundland

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·8	−11·6	5·8	−21·7	8·3	−33·3	91	89	92	43	17	—	—	—	—
February	−4·2	−12·7	4·8	−22·9	7·8	−32·8	91	87	73	35	14	—	—	—	—
March	−1·6	−10·1	5·7	−21·6	9·4	−30·0	89	83	61	25	14	—	—	—	—
April	3·3	−4·2	10·4	−13·0	15·6	−23·3	88	80	55	37	13	—	—	—	—
May	10·2	0·6	20·6	−5·3	26·7	−7·8	81	68	61	45	11	—	—	—	—
June	16·8	5·6	27·2	−0·5	31·1	−2·8	78	62	66	34	11	—	—	—	—
July	21·4	9·9	29·1	3·2	34·4	1·1	80	61	75	46	12	—	—	—	—
August	20·2	9·7	27·0	3·1	30·6	−1·1	84	63	93	64	13	—	—	—	—
September	15·7	5·8	23·9	−1·1	28·3	−3·3	84	65	91	67	12	—	—	—	—
October	9·2	1·0	17·4	−5·9	20·0	−10·0	88	73	84	62	13	—	—	—	—
November	3·6	−2·8	12·9	−10·2	16·7	−13·3	91	84	104	84	15	—	—	—	—
December	−1·9	−8·9	7·3	−19·2	11·7	−24·4	89	86	86	42	18	—	—	—	—
Year	7·4	−1·5	29·8*	−26·0*	34·4	−33·3	86	75	941	84	163	—	—	—	—
No. of Years	17	17	17	17	17	17	17	17	17	17	17	—	—	—	—

Cape Harrison 54° 46′ N 58° 27′ W 10 m Newfoundland

Period 1947–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·1	−17·3	2·3	−30·4	7·2	−35·6	80	79	73	41	16	—	—	—	—
February	−8·9	−18·1	1·9	−29·9	9·4	−32·2	79	78	50	41	11	—	—	—	—
March	−5·0	−13·1	5·1	−26·4	11·7	−30·0	81	80	67	28	14	—	—	—	—
April	0·2	−7·2	10·2	−18·9	15·6	−29·4	85	83	66	31	15	—	—	—	—
May	5·7	−1·6	17·6	−8·7	31·7	−14·4	84	78	46	28	13	—	—	—	—
June	12·0	2·7	25·9	−1·7	33·3	−5·0	79	73	57	25	12	—	—	—	—
July	16·7	7·4	29·2	1·9	36·7	0·0	80	74	78	46	14	—	—	—	—
August	15·9	7·6	26·2	2·8	30·0	0·0	80	73	100	50	15	—	—	—	—
September	12·2	4·4	23·5	−0·6	29·4	−3·3	80	74	112	110	15	—	—	—	—
October	6·2	0·0	16·6	−6·0	19·4	−9·4	81	77	49	44	12	—	—	—	—
November	0·5	−5·4	9·6	−13·6	16·1	−18·9	84	81	55	25	16	—	—	—	—
December	−5·1	−12·9	5·9	−23·7	12·2	−30·0	81	78	39	25	13	—	—	—	—
Year	3·4	−4·5	30·1*	−32·1*	36·7	−35·6	81	77	792	110	166	—	—	—	—
No. of Years	13	13	14	14	14	14	13	13	14	14	14	—	—	—	—

*Average of highest/lowest each year

CANADA

Cape Race 46° 39′ N 53° 04′ W 30 m Newfoundland

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·2	−7·0	6·1	−17·8	10·6	−23·9	95	93	126	54	15	—	—	—	—
February	−0·3	−7·2	5·0	−16·7	9·4	−22·8	95	94	117	39	14	—	—	—	—
March	0·8	−4·9	5·6	−13·3	9·4	−20·0	95	93	100	53	14	—	—	—	—
April	3·8	−1·9	9·4	−8·3	18·9	−13·3	95	93	110	61	14	—	—	—	—
May	7·4	1·0	15·6	−3·9	20·0	−6·1	94	91	102	71	14	—	—	—	—
June	11·4	4·3	19·4	−1·1	24·4	−5·0	93	90	89	89	13	—	—	—	—
July	15·6	8·3	22·8	3·9	27·8	0·6	95	92	99	85	13	—	—	—	—
August	17·0	10·3	22·2	5·0	27·8	1·1	95	91	114	157	13	—	—	—	—
September	15·2	8·3	20·6	1·1	24·4	−3·3	93	88	105	98	12	—	—	—	—
October	10·8	3·9	16·1	−3·3	18·9	−7·2	92	85	131	92	14	—	—	—	—
November	6·7	0·5	12·2	−7·8	15·0	−13·9	95	91	142	69	15	—	—	—	—
December	2·3	−3·9	8·3	−13·3	11·1	−21·1	94	93	136	58	17	—	—	—	—
Year	7·6	0·9	23·9*	−19·4*	27·8	−23·9	94	91	1371	157	168	—	—	—	—
No. of Years	30	30	30	30	30	30	22	18	30	30	30	—	—	—	—

Cartwright 53° 42′ N 57° 00′ W 10 m Newfoundland

Period 1937–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·9	−15·6	2·8	−30·0	6·7	−35·6	86	84	91	46	15	—	—	—	—
February	−7·7	−17·0	2·2	−28·9	9·4	−32·8	85	85	85	42	14	—	—	—	—
March	−3·7	−13·1	5·6	−26·1	13·3	−32·2	87	86	98	86	15	—	—	—	—
April	1·8	−6·4	10·6	−18·9	15·6	−25·6	89	87	82	53	16	—	—	—	—
May	7·5	−1·2	18·3	−8·3	25·0	−15·0	89	81	61	32	15	—	—	—	—
June	13·9	3·1	26·7	−2·2	33·3	−5·6	86	75	78	37	14	—	—	—	—
July	19·2	7·3	30·0	1·1	36·1	−1·7	87	71	82	39	15	—	—	—	—
August	17·6	7·2	26·7	1·7	32·2	−0·6	89	75	84	52	16	—	—	—	—
September	13·4	4·6	23·3	−0·6	29·4	−3·9	89	78	94	67	15	—	—	—	—
October	6·8	0·1	16·1	−5·6	23·3	−9·4	90	82	71	49	13	—	—	—	—
November	0·8	−5·2	9·4	−13·9	15·6	−15·0	90	88	73	63	14	—	—	—	—
December	−5·5	−13·0	4·4	−24·4	13·3	−33·9	87	86	77	89	14	—	—	—	—
Year	4·6	−4·3	30·6*	−31·1*	36·1	−35·6	88	81	976	89	176	—	—	—	—
No. of Years	23	23	24	24	24	24	24	24	24	24	24	—	—	—	—

Daniels Harbour 50° 14′ N 57° 35′ W 12 m Newfoundland

Period 1946–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·5	−11·2	8·3	−21·7	13·3	−39·4	89	87	75	49	13	—	—	—	—
February	−3·7	−11·9	6·7	−21·7	12·2	−28·9	88	87	44	25	10	—	—	—	—
March	−0·7	−7·8	8·3	−17·8	13·3	−29·4	89	84	46	31	10	—	—	—	—
April	3·6	−2·8	12·2	−9·4	17·8	−15·6	86	83	53	23	9	—	—	—	—
May	8·9	1·9	17·2	−3·9	21·7	−7·8	83	82	61	30	10	—	—	—	—
June	12·9	7·1	22·2	1·1	25·6	−1·7	83	83	78	42	11	—	—	—	—
July	17·7	11·5	23·3	4·4	26·1	2·2	86	85	76	46	12	—	—	—	—
August	17·7	12·3	22·8	5·6	26·7	2·2	85	82	88	34	12	—	—	—	—
September	14·2	7·8	22·2	1·1	27·2	−1·1	84	81	86	71	11	—	—	—	—
October	6·7	2·9	16·7	−3·9	20·6	−11·7	83	81	71	28	11	—	—	—	—
November	4·6	−1·2	15·6	−7·8	20·6	−10·6	86	83	97	59	14	—	—	—	—
December	−0·3	−6·3	9·4	−15·6	15·6	−20·0	87	86	60	37	13	—	—	—	—
Year	6·5	0·2	24·4*	−23·3*	27·2	−39·4	86	84	835	71	136	—	—	—	—
No. of Years	13	13	14	14	14	14	14	14	14	14	14	—	—	—	—

*Average of highest/lowest each year

CANADA

Gander 48° 57′ N 54° 34′ W 147 m Newfoundland

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·2	−10·2	7·2	−20·0	11·7	−27·2	89	81	85	34	20	71	26	9·0	14
February	−2·2	−10·5	6·7	−20·0	12·8	−26·7	90	82	89	49	19	85	30	10·7	11
March	0·1	−7·4	7·2	−16·1	13·3	−21·7	87	76	82	43	19	114	31	11·0	10
April	4·8	−2·3	13·9	−9·4	21·7	−15·6	83	72	71	65	17	113	27	14·2	9
May	11·4	1·6	21·7	−3·9	25·6	−5·6	80	64	57	39	15	158	34	14·6	8
June	16·9	6·1	27·8	0·0	32·8	−2·2	78	60	76	37	14	163	34	14·7	6
July	22·2	11·4	30·0	5·0	35·6	2·2	78	59	80	96	13	200	41	15·0	4
August	20·8	11·4	28·3	5·0	31·6	2·2	81	62	99	98	15	179	41	14·4	4
September	16·8	7·7	25·6	1·1	28·9	0·0	83	63	83	57	14	149	39	12·1	5
October	10·3	2·4	19·4	−3·3	22·8	−6·1	86	71	96	50	17	115	35	10·3	8
November	5·0	−1·4	15·0	−8·3	19·4	−11·7	89	80	101	58	18	62	23	9·0	12
December	−0·5	−6·7	8·9	−15·6	13·3	−18·3	88	82	87	67	19	64	25	8·2	13
Year	8·6	0·2	30·6*	−22·2*	35·6	−27·2	84	71	1006	96	200	1473	32	15·0	104
No. of Years	19	19	19	19	19	19	19	19	19	19	19	18	18	9	18

Goose 53° 19′ N 60° 23′ W 44 m Newfoundland

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·0	−20·6	2·2	−32·8	7·8	−38·9	82	77	72	30	16	86	37	8·5	13
February	−9·2	−19·1	2·8	−31·1	8·9	−37·2	83	74	63	30	14	111	40	10·2	9
March	−3·4	−13·5	6·7	−26·7	12·2	−35·6	78	67	68	37	14	143	39	10·7	8
April	2·8	−6·0	13·3	−16·7	19·4	−25·6	75	61	62	43	14	136	32	14·0	9
May	9·6	0·2	21·7	−7·2	31·7	−12·2	70	55	56	34	13	176	36	15·4	7
June	16·5	6·0	28·9	0·0	33·9	−2·2	70	53	72	29	14	183	36	15·7	5
July	21·4	11·1	31·7	5·0	37·8	3·3	72	56	84	35	15	194	39	15·9	4
August	19·4	9·7	28·3	3·3	32·8	0·0	75	56	91	66	15	187	40	14·8	5
September	14·4	5·6	25·0	−1·1	30·0	−6·7	77	58	76	43	14	124	33	13·0	6
October	6·8	−0·2	17·8	−8·3	22·8	−11·7	78	64	63	30	14	91	28	10·2	9
November	−0·3	−7·3	10·0	−17·8	14·4	−22·8	82	73	67	41	14	69	27	8·8	12
December	−9·0	−17·0	3·9	−28·3	11·7	−36·1	83	77	62	32	16	65	28	7·5	13
Year	4·8	−4·3	32·2*	−33·9*	37·8	−38·9	77	64	836	66	173	1565	35	15·9	100
No. of Years	19	19	19	19	19	19	19	19	19	19	19	17	17	9	17

Grand Bank 47° 06′ N 55° 46′ W 8 m Newfoundland

Period 1935–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·1	−5·7	7·8	−13·9	11·1	−20·0	86	83	125	43	17	—	—	—	—
February	−0·4	−6·2	6·1	−13·9	11·1	−18·9	85	84	113	79	15	—	—	—	—
March	1·3	−4·2	7·8	−11·1	15·0	−18·3	86	83	106	53	15	—	—	—	—
April	4·9	−1·1	11·1	−6·7	16·7	−9·4	86	80	89	63	12	—	—	—	—
May	9·8	2·3	17·2	−2·8	22·2	−5·6	88	80	98	56	12	—	—	—	—
June	14·4	6·4	21·1	1·1	25·0	−1·7	87	80	94	63	12	—	—	—	—
July	19·1	11·1	23·9	5·6	28·9	3·3	88	81	79	53	11	—	—	—	—
August	19·6	12·6	24·4	6·7	27·8	1·7	89	81	84	94	11	—	—	—	—
September	16·4	9·4	21·7	2·8	24·4	0·6	87	80	102	58	11	—	—	—	—
October	11·4	4·7	17·8	−1·7	20·6	−3·9	86	80	132	99	14	—	—	—	—
November	6·9	1·2	14·4	−5·6	18·3	−8·9	87	83	161	107	16	—	—	—	—
December	2·3	−2·7	10·0	−10·6	12·8	−15·0	85	83	145	63	18	—	—	—	—
Year	8·8	2·3	25·0*	−15·6*	28·9	−20·0	87	82	1328	107	164	—	—	—	—
No. of Years	23	24	24	24	24	24	21	21	25	25	25	—	—	—	—

*Average of highest/lowest each year

CANADA

Hopedale 55° 27′ N 60° 14′ W 11 m

Newfoundland

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
			degrees Celsius				per cent		millimetres			hours		hours	
January	−12·6	−19·9	0·0	−30·6	5·6	−36·1	83	83	59	38	14	—	—	—	—
February	−11·6	−19·8	0·6	−30·6	6·7	−34·4	80	82	52	48	10	—	—	—	—
March	−6·7	−14·7	3·9	−26·1	10·0	−31·1	83	84	51	112	12	—	—	—	—
April	−1·1	−8·5	7·8	−19·4	11·7	−26·7	85	85	53	102	12	—	—	—	—
May	4·7	−1·7	14·4	−8·3	28·3	−13·3	85	82	49	25	12	—	—	—	—
June	10·2	2·8	22·8	−1·7	31·1	−5·0	83	76	61	33	13	—	—	—	—
July	14·9	7·1	26·7	2·2	33·3	−1·1	86	79	83	46	15	—	—	—	—
August	14·5	7·4	23·3	3·3	27·2	1·1	87	80	87	97	16	—	—	—	—
September	11·1	4·5	21·1	−0·6	25·0	−3·9	86	77	84	97	15	—	—	—	—
October	5·0	−0·3	13·3	−6·1	17·2	−8·3	84	79	54	69	12	—	—	—	—
November	−1·2	−6·3	6·1	−13·9	11·7	−19·4	87	86	57	28	13	—	—	—	—
December	−8·1	−15·0	2·2	−25·0	7·8	−29·4	81	82	51	30	12	—	—	—	—
Year	1·6	−5·4	27·8*	−32·2*	33·3	−36·1	84	81	741	112	156	—	—	—	—
No. of Years	18	18	18	18	18	18	18	18	18	18	18	—	—	—	—

Menihek Rapids 54° 28′ N 66° 37′ W 489 m

Newfoundland

Period 1952–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				per cent		millimetres			hours		hours	
January	−15·1	−23·7	−1·1	−39·4	5·6	−47·8	—	—	44	32	7	—	—	—	—
February	−13·7	−23·9	−1·3	−39·7	3·3	−43·9	—	—	47	20	9	—	—	—	—
March	−8·6	−19·8	1·7	−35·7	5·0	−42·2	—	—	25	20	6	—	—	—	—
April	−0·1	−11·2	7·9	−24·2	11·1	−30·6	—	—	37	27	6	—	—	—	—
May	6·1	−3·3	16·3	−12·1	20·6	−18·3	—	—	29	36	5	—	—	—	—
June	13·2	3·9	21·2	−3·2	25·6	−10·0	—	—	73	26	13	—	—	—	—
July	17·9	9·1	27·4	2·6	31·7	0·0	—	—	75	33	16	—	—	—	—
August	15·3	7·6	23·1	2·1	26·7	1·1	—	—	107	70	16	—	—	—	—
September	9·4	2·7	19·1	−3·8	23·9	−6·1	—	—	72	28	14	—	—	—	—
October	2·4	−3·6	11·6	−11·3	16·7	−15·6	—	—	60	34	12	—	—	—	—
November	−5·1	−12·1	5·3	−24·8	7·8	−35·0	—	—	56	33	11	—	—	—	—
December	−13·9	−22·3	0·0	−36·3	5·6	−42·8	—	—	52	30	7	—	—	—	—
Year	0·7	−8·1	28·4*	−42·3*	31·7	−47·8	—	—	677	70	122	—	—	—	—
No. of Years	9	9	9	9	9	9	—	—	8	8	8	—	—	—	—

Nain 56° 33′ N 61° 41′ W 6 m

Newfoundland

Period 1945–54 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				per cent		millimetres			hours		hours	
January	−16·9	−24·1	−2·7	−34·8	2·8	−42·8	—	—	67	45	8	—	—	—	—
February	−14·8	−24·0	−0·5	−33·0	6·7	−38·3	—	—	46	23	8	—	—	—	—
March	−7·0	−16·9	3·8	−29·1	7·8	−32·8	—	—	38	25	8	—	—	—	—
April	−0·9	−7·9	7·4	−19·8	12·2	−25·0	—	—	31	23	8	—	—	—	—
May	5·1	−3·7	15·0	−12·9	25·6	−18·3	—	—	47	28	8	—	—	—	—
June	10·2	0·7	25·6	−3·9	32·8	−6·7	—	—	68	35	10	—	—	—	—
July	14·4	4·3	25·4	−0·7	31·7	−2·2	—	—	74	45	10	—	—	—	—
August	15·3	5·2	24·7	−0·2	28·9	−2·8	—	—	83	66	12	—	—	—	—
September	10·3	2·1	20·8	−3·3	24·4	−5·0	—	—	73	52	11	—	—	—	—
October	4·0	−2·7	13·3	−10·2	16·1	−13·3	—	—	48	24	11	—	—	—	—
November	−2·2	−10·1	5·1	−18·0	8·3	−24·4	—	—	44	30	8	—	—	—	—
December	−9·7	−17·2	3·3	−27·3	6·7	−32·8	—	—	60	61	9	—	—	—	—
Year	0·7	−7·9	30·3*	−35·7*	32·8	−42·8	—	—	679	66	111	—	—	—	—
No. of Years	5	5	8	8	8	8	—	—	7	7	7	—	—	—	—

*Average of highest/lowest each year

CANADA

Nutak 57° 28′ N 61° 50′ W 2 m — Newfoundland

Period 1947–54 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−15·6	−22·7	−4·4	−31·3	−1·1	−32·8	—	—	—	—	—	—	—	—	—
February	−16·1	−23·3	−2·6	−30·7	5·0	−32·8	—	—	—	—	—	—	—	—	—
March	−8·4	−17·3	−0·4	−30·2	1·7	−31·1	—	—	—	—	—	—	—	—	—
April	−3·1	−11·3	6·4	−21·7	11·1	−25·6	—	—	—	—	—	—	—	—	—
May	3·6	−3·5	14·4	−11·4	26·7	−15·6	—	—	—	—	—	—	—	—	—
June	9·5	1·1	24·7	−3·5	28·3	−3·9	—	—	—	—	—	—	—	—	—
July	13·4	4·8	23·3	1·3	25·0	0·0	—	—	—	—	—	—	—	—	—
August	—	—	23·3	0·6	23·3	0·6	—	—	—	—	—	—	—	—	—
September	8·4	1·6	17·2	−3·1	17·8	−3·9	—	—	—	—	—	—	—	—	—
October	0·8	−7·7	11·7	−6·9	14·4	−7·2	—	—	—	—	—	—	—	—	—
November	−2·4	−8·6	4·1	−17·6	5·6	−24·4	—	—	—	—	—	—	—	—	—
December	−6·7	−15·6	4·2	−22·9	6·1	−26·7	—	—	—	—	—	—	—	—	—
Year	−1·5	−9·3	25·9*	−32·6*	28·3	−32·8	—	—	—	—	—	—	—	—	—
No. of Years	3	3	3	3	3	3	—	—	—	—	—	—	—	—	—

St Andrew's 47° 46′ N 59° 20′ W 11 m — Newfoundland

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·2	−6·9	9·4	−15·8	12·8	−23·9	87	84	111	64	19	—	—	—	—
February	−0·9	−8·6	8·8	−16·3	14·4	−22·2	87	83	91	76	16	—	—	—	—
March	1·4	−6·3	9·9	−14·7	14·4	−23·9	84	80	70	52	13	—	—	—	—
April	5·8	−2·1	13·6	−8·3	19·4	−16·1	83	79	62	50	12	—	—	—	—
May	11·3	1·9	19·1	−3·9	21·7	−7·8	79	76	79	56	13	—	—	—	—
June	15·5	6·2	23·2	−0·3	25·6	−2·8	81	77	76	41	12	—	—	—	—
July	19·7	10·7	25·3	4·4	28·9	2·2	83	80	77	64	10	—	—	—	—
August	19·6	11·3	24·8	4·1	29·4	1·7	85	80	86	70	11	—	—	—	—
September	16·0	7·5	22·6	−0·2	25·0	−1·7	88	80	99	58	13	—	—	—	—
October	11·0	3·2	17·9	−2·8	20·6	−5·0	87	80	94	53	15	—	—	—	—
November	6·8	−0·2	14·8	−6·1	17·2	−8·9	88	82	129	96	16	—	—	—	—
December	1·8	−4·6	10·4	−12·8	15·0	−16·1	87	84	109	51	19	—	—	—	—
Year	9·0	1·0	25·8*	−18·3*	29·4	−23·9	85	80	1083	96	169	—	—	—	—
No. of Years	17	17	17	17	17	17	17	17	17	17	17	—	—	—	—

Sandgirt Lake 53° 50′ N 65° 30′ W 453 m — Newfoundland

Period 1940–49 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−16·8	−27·1	−1·8	−40·7	2·8	−48·3	90	89	40	18	13	—	—	—	—
February	−14·7	−26·4	−1·3	−40·8	3·3	−43·3	87	85	63	25	13	—	—	—	—
March	−7·8	−21·1	3·9	−37·1	8·3	−43·9	88	85	31	20	12	—	—	—	—
April	−1·6	−12·2	7·9	−29·6	12·8	−34·4	88	84	49	25	13	—	—	—	—
May	5·0	−4·0	16·8	−14·2	22·8	−24·4	87	77	74	20	17	—	—	—	—
June	13·1	2·9	24·0	−2·7	28·9	−6·1	85	70	85	32	15	—	—	—	—
July	18·5	8·9	29·0	3·4	30·6	1·1	82	69	100	30	15	—	—	—	—
August	17·0	8·7	25·4	1·7	29·4	−0·6	85	71	97	33	18	—	—	—	—
September	11·8	3·6	21·6	−3·5	24·4	−6·7	88	73	88	46	17	—	—	—	—
October	3·6	−2·6	13·7	−10·8	15·6	−13·3	89	80	55	23	15	—	—	—	—
November	−4·7	−12·9	5·7	−9·6	9·4	−30·6	93	87	59	25	12	—	—	—	—
December	−14·2	−22·9	−0·3	−3·7	−1·1	−42·8	92	91	89	30	14	—	—	—	—
Year	0·8	−8·8	29·1*	−43·2*	30·6	−48·3	88	80	830	46	174	—	—	—	—
No. of Years	6	6	6	6	6	6	5	5	6	6	6	—	—	—	—

*Average of highest/lowest each year

CANADA

Stephenville 48° 32′ N 58° 33′ W 13 m — Newfoundland

Period 1948–64 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·5	−8·2	7·6	−16·2	12·2	−26·1	81	79	114	47	23	—	—	—	—
February	−2·3	−9·7	6·3	−18·9	11·1	−27·2	80	76	93	77	20	—	—	—	—
March	0·9	−6·2	9·4	−15·8	15·6	−22·8	77	71	68	33	18	—	—	—	—
April	5·8	−1·2	13·2	−7·4	17·2	−12·2	76	71	56	31	14	—	—	—	—
May	11·4	3·1	20·6	−2·7	27·2	−6·1	72	68	65	59	13	—	—	—	—
June	16·2	8·0	24·2	2·6	30·0	−1·1	77	70	81	66	14	—	—	—	—
July	19·6	12·1	26·3	5·7	30·6	4·4	76	75	93	46	14	—	—	—	—
August	19·6	12·3	25·1	6·8	28·3	2·8	80	73	94	39	15	—	—	—	—
September	15·8	8·5	23·1	2·4	27·8	0·0	80	69	90	81	14	—	—	—	—
October	10·5	3·8	17·7	−1·6	20·0	−3·3	80	71	93	50	16	—	—	—	—
November	5·6	0·3	14·8	−5·5	19·4	−7·8	82	76	117	70	19	—	—	—	—
December	0·7	−4·9	9·7	−13·3	15·6	−16·1	80	78	109	46	22	—	—	—	—
Year	8·5	1·5	27·2*	−20·4*	30·6	−27·2	78	72	1073	81	202	—	—	—	—
No. of Years	15	15	17	17	17	17	8	8	17	17	17	—	—	—	—

Torbay 47° 37′ N 52° 45′ W 141 m — Newfoundland

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·6	−8·6	8·3	−16·1	13·3	−23·3	89	85	140	84	19	57	20	8·6	16
February	−1·7	−8·2	7·2	−16·7	12·8	−23·3	90	86	155	56	20	75	26	10·4	11
March	−0·5	−6·2	8·3	−13·3	13·9	−20·6	88	83	127	41	19	93	26	11·0	12
April	3·6	−2·9	13·9	−7·8	21·7	−13·9	86	79	111	91	17	116	28	13·5	10
May	8·6	0·3	20·0	−3·3	24·4	−5·6	83	73	90	51	14	152	31	14·9	9
June	13·3	4·2	24·4	0·0	29·4	−2·8	81	71	90	76	12	176	35	15·4	7
July	20·2	10·6	27·2	4·4	29·4	1·1	83	70	89	122	13	212	44	15·0	4
August	19·7	11·4	26·1	6·1	30·0	3·3	85	73	102	58	14	176	41	13·3	5
September	16·1	8·1	23·9	1·7	27·8	−1·1	84	73	120	66	14	149	40	12·2	5
October	10·6	3·4	18·3	−2·2	21·7	−5·6	87	77	138	102	17	117	35	10·0	8
November	6·3	0·3	16·1	−6·1	19·4	−10·0	90	84	163	63	19	59	21	8·9	12
December	1·4	−4·7	11·1	−12·2	16·1	−17·2	89	85	174	84	21	53	20	7·9	14
Year	7·9	0·7	27·2*	−18·3*	30·0	−23·3	86	78	1499	122	199	1435	31	15·4	113
No. of Years	19	19	19	19	19	19	19	19	19	19	19	15	15	9	15

Alert 82° 30′ N 62° 20′ W 62 m — Northwest Territories (Franklin District)

Period 1950–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−27·9	−36·1	−11·9	−43·5	0·0	−47·2	63	69	7	10	8	—	—	—	—
February	−28·4	−36·9	−9·6	−44·3	1·1	−47·2	62	63	5	5	6	—	—	—	—
March	−28·6	−36·8	−17·2	−43·3	−2·2	−48·3	61	58	6	5	7	—	—	—	—
April	−19·9	−28·2	−7·6	−39·2	−1·1	−45·6	61	61	5	5	6	—	—	—	—
May	−8·6	−14·9	0·4	−23·1	8·3	−27·2	72	73	9	11	8	—	—	—	—
June	2·1	−2·9	9·6	−9·7	17·2	−13·9	83	82	12	19	6	—	—	—	—
July	6·9	0·9	15·3	−2·6	20·0	−5·6	81	80	17	14	8	—	—	—	—
August	3·2	−1·8	12·1	−8·6	18·3	−15·0	86	85	26	18	9	—	—	—	—
September	−5·6	−13·1	1·2	−22·8	5·6	−26·1	84	84	27	14	12	—	—	—	—
October	−16·1	−23·4	−7·1	−31·7	0·6	−39·4	76	77	15	20	9	—	—	—	—
November	−21·4	−28·9	−8·6	−37·4	0·6	−40·6	71	70	7	10	8	—	—	—	—
December	−25·8	−33·7	−14·0	−41·1	−4·4	−46·1	67	68	7	10	8	—	—	—	—
Year	−14·2	−21·3	15·8*	−45·8*	20·0	−48·3	72	73	143	20	95	—	—	—	—
No. of Years	15	15	16	16	16	16	12	12	15	15	16	—	—	—	—

*Average of highest/lowest each year

CANADA

Arctic Bay 77° 00′ N 85° 18′ W 11 m — Northwest Territories (Franklin District)

Period 1938–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1830							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−25·6	−33·8	−11·7	−42·2	4·4	−46·7	78	78	7	8	6	—	—	—	—
February	−28·1	−36·1	−15·6	−43·9	2·2	−49·4	76	76	5	12	5	—	—	—	—
March	−22·2	−32·2	−10·0	−41·1	1·1	−45·0	78	77	6	7	6	—	—	—	—
April	−14·6	−25·0	−4·4	−33·9	2·2	−38·3	78	76	5	14	4	—	—	—	—
May	−2·6	−11·3	4·4	−21·7	10·6	−26·1	81	80	8	8	6	—	—	—	—
June	5·6	−1·0	12·2	−7·8	17·2	−11·7	81	77	10	38	5	—	—	—	—
July	10·2	2·1	16·7	−1·1	23·9	−5·6	81	77	19	17	7	—	—	—	—
August	8·3	1·8	13·9	−1·7	18·3	−4·4	84	81	23	21	8	—	—	—	—
September	1·0	−3·7	7·2	−10·6	13·3	−15·0	84	82	22	24	9	—	—	—	—
October	−7·4	−13·1	0·6	−23·3	6·7	−32·2	79	80	17	19	10	—	—	—	—
November	−18·0	−24·5	−6·7	−33·3	2·2	−41·1	78	78	7	5	7	—	—	—	—
December	−23·3	−30·6	−11·7	−39·4	1·1	−45·6	75	75	5	15	5	—	—	—	—
Year	−9·7	−17·3	16·7*	−45·0*	23·9	−49·4	79	78	134	38	78	—	—	—	—
No. of Years	22	22	23	23	23	23	16	16	23	23	23	—	—	—	—

Cambridge Bay 69° 06′ N 105° 08′ W 23 m — Northwest Territories (Franklin District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1700							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−28·8	−36·1	−17·2	−44·4	−6·1	−52·8	—	—	7	12	6	—	—	—	—
February	−30·8	−37·9	−19·4	−45·6	−9·4	−50·6	92	87	4	6	5	—	—	—	—
March	−25·3	−32·8	−12·8	−42·2	−6·1	−46·7	100	91	6	6	6	—	—	—	—
April	−15·9	−24·7	−5·6	−36·7	6·1	−41·7	85	85	4	13	5	—	—	—	—
May	−5·2	−12·3	2·8	−23·9	10·6	−35·0	92	89	6	5	6	—	—	—	—
June	4·2	−1·3	14·4	−8·3	22·2	−14·4	91	83	12	15	6	—	—	—	—
July	11·9	4·3	19·4	0·6	23·9	−1·1	90	74	24	28	8	—	—	—	—
August	10·2	3·9	17·2	−0·6	24·4	−8·9	93	77	24	31	7	—	—	—	—
September	2·3	−2·2	10·0	−10·0	15·6	−13·9	94	87	15	10	8	—	—	—	—
October	−7·2	−13·7	0·6	−25·0	3·9	−31·7	92	92	14	9	9	—	—	—	—
November	−20·5	−27·5	−8·3	−36·1	0·0	−42·2	89	88	12	15	8	—	—	—	—
December	−26·0	−33·2	−14·4	−42·2	−7·8	−49·4	87	86	6	10	6	—	—	—	—
Year	−10·9	−17·8	20·0*	−47·2*	24·4	−52·8	91	85	134	31	80	—	—	—	—
No. of Years	20	20	26	26	26	26	13	13	20	20	20	—	—	—	—

Cape Hooper 68° 26′ N 66° 47′ W 20 m — Northwest Territories (Franklin District)

Period 1957–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−22·2	−28·1	−9·4	−36·3	−2·2	−40·6	77	75	9	23	3	—	—	—	—
February	−22·1	−27·6	−7·9	−35·3	−0·6	−39·4	71	72	14	22	5	—	—	—	—
March	−22·0	−27·2	−12·2	−32·8	−4·4	−40·6	71	71	5	5	3	—	—	—	—
April	−14·4	−20·3	−5·3	−28·7	−0·6	−33·9	79	79	18	23	4	—	—	—	—
May	−5·6	−10·7	1·8	−18·3	7·2	−27·8	87	88	29	19	7	—	—	—	—
June	1·7	−2·9	9·1	−7·6	11·7	−8·3	89	89	17	22	4	—	—	—	—
July	7·8	1·7	15·9	−4·3	18·9	−5·0	82	78	13	9	4	—	—	—	—
August	4·8	0·1	13·3	−3·9	16·1	−6·1	90	86	29	26	8	—	—	—	—
September	−0·3	−3·4	7·7	−8·6	12·8	−11·7	93	92	30	15	9	—	—	—	—
October	−6·7	−10·5	−1·3	−19·4	1·7	−25·0	90	90	28	25	9	—	—	—	—
November	−13·7	−18·3	−4·8	−26·6	−0·6	−28·9	83	81	17	13	7	—	—	—	—
December	−18·7	−24·0	−10·4	−32·8	−3·3	−41·1	79	79	15	23	5	—	—	—	—
Year	−9·3	−14·3	16·3*	−38·3*	18·9	−41·1	83	82	224	26	68	—	—	—	—
No. of Years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

*Average of highest/lowest each year

CANADA

Cape Parry 70° 10′ N 124° 41′ W 15 m — Northwest Territories (Franklin District)

Period 1957–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0330	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−25·7	−32·0	−11·7	−40·0	−2·8	−42·2	79	78	5	2	7	—	—	—	—
February	−27·2	−33·6	−16·1	−39·4	−10·0	−42·2	80	79	5	3	6	—	—	—	—
March	−24·9	−32·1	−13·3	−38·3	−5·6	−42·8	77	76	6	3	6	—	—	—	—
April	−15·2	−22·4	−2·8	−32·8	0·0	−35·6	84	83	13	13	8	—	—	—	—
May	−4·3	−10·4	3·9	−22·2	7·8	−27·8	90	89	7	10	5	—	—	—	—
June	3·2	−0·7	12·2	−5·0	16·7	−9·4	93	89	14	28	4	—	—	—	—
July	8·4	2·2	18·3	−1·7	23·3	−3·3	92	85	21	28	7	—	—	—	—
August	8·7	3·2	17·2	−0·6	21·1	−2·8	94	86	32	31	9	—	—	—	—
September	2·3	−1·5	8·9	−6·7	18·3	−8·3	92	87	28	21	13	—	—	—	—
October	−5·1	−9·3	0·6	−18·9	3·3	−22·2	89	88	21	14	15	—	—	—	—
November	−16·6	−22·4	−6·7	−31·1	−3·9	−36·7	83	84	7	3	9	—	—	—	—
December	−21·8	−27·7	−12·2	−35·0	−7·2	−40·6	82	80	7	5	7	—	—	—	—
Year	−9·8	−15·6	20·0*	−40·6*	23·3	−42·8	86	84	166	31	96	—	—	—	—
No. of Years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

Clyde 70° 27′ N 68° 33′ W 3 m — Northwest Territories (Franklin District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−23·7	−31·1	−9·4	−41·1	0·0	−45·0	74	69	11	19	6	—	—	—	—
February	−23·9	−32·7	−10·6	−40·0	3·3	−44·4	72	73	7	10	5	—	—	—	—
March	−20·8	−30·0	−9·4	−39·4	−2·2	−42·8	75	77	6	5	5	—	—	—	—
April	−13·2	−24·1	−3·3	−33·9	3·3	−41·1	77	79	11	24	6	—	—	—	—
May	−1·1	−10·3	5·0	−21·7	9·4	−25·6	86	84	15	8	9	—	—	—	—
June	4·7	−2·1	11·1	−8·3	15·0	−12·2	86	84	11	9	6	—	—	—	—
July	8·7	0·9	17·2	−2·8	21·7	−5·6	85	79	24	33	8	—	—	—	—
August	6·9	1·2	15·0	−2·2	18·9	−5·6	87	83	35	37	10	—	—	—	—
September	2·5	−2·3	8·9	−8·3	18·3	−11·1	89	85	40	37	10	—	—	—	—
October	−3·5	−9·4	1·7	−17·8	5·6	−25·0	87	85	36	21	13	—	—	—	—
November	−13·3	−20·5	−3·9	−30·0	6·7	−35·0	81	81	19	27	9	—	—	—	—
December	−21·4	−28·1	−11·1	−37·2	−3·9	−43·9	77	77	7	9	6	—	—	—	—
Year	−8·2	−15·7	17·8*	−42·8*	21·7	−45·0	81	80	222	37	93	—	—	—	—
No. of Years	14	14	16	16	16	16	15	15	30	16	16	—	—	—	—

Eureka 80° 00′ N 85° 56′ W 2 m — Northwest Territories (Franklin District)

Period 1948–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−32·8	−40·1	−18·2	−48·0	−1·1	−51·1	—	—	3	3	4	—	—	—	—
February	−34·1	−41·3	−18·2	−48·3	−1·1	−52·2	—	—	2	5	3	—	—	—	—
March	−33·3	−40·3	−19·6	−47·8	−13·3	−52·8	—	—	2	5	3	—	—	—	—
April	−22·8	−31·4	−10·6	−42·6	−3·3	−48·9	72	74	2	4	3	—	—	—	—
May	−6·6	−13·8	0·9	−24·7	5·6	−31·1	78	78	3	6	2	—	—	—	—
June	5·0	−0·1	11·8	−7·1	17·8	−14·4	81	78	3	15	2	—	—	—	—
July	8·6	2·6	14·9	−0·1	19·4	−2·2	83	80	12	19	6	—	—	—	—
August	6·2	1·0	12·7	−4·2	16·7	−8·3	86	83	10	42	5	—	—	—	—
September	−5·2	−10·1	2·7	−22·2	5·6	−31·7	85	84	11	14	7	—	—	—	—
October	−18·4	−25·9	−7·3	−36·2	1·7	−41·7	78	78	6	14	7	—	—	—	—
November	−26·4	−33·6	−12·6	−42·1	−3·9	−46·1	73	71	3	5	4	—	—	—	—
December	−31·5	−37·9	−18·1	−44·8	−10·6	−49·4	75	71	2	3	4	—	—	—	—
Year	−15·9	−22·6	16·1*	−49·8*	19·4	−52·8	—	—	59	42	50	—	—	—	—
No. of Years	18	18	18	18	18	18	12	12	18	18	18	—	—	—	—

*Average of highest/lowest each year

CANADA

Frobisher Bay 63° 45′ N 68° 33′ W 21 m — Northwest Territories (Franklin District)

Period 1948–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1930							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−22·4	−30·4	−5·6	−39·4	3·9	−45·0	76	75	27	41	10	26	15	5·9	19
February	−22·1	−30·7	−7·8	−41·1	1·7	−45·0	79	78	30	25	11	75	31	9·0	11
March	−17·4	−25·2	−3·3	−37·8	3·9	−41·7	77	75	23	24	9	184	51	10·5	5
April	−8·9	−18·4	1·1	−29·4	5·0	−33·3	79	80	24	18	9	245	54	14·7	3
May	1·0	−5·7	7·8	−17·2	13·3	−26·1	80	81	18	14	8	174	31	16·2	6
June	6·7	1·6	16·1	−2·8	21·7	−8·3	80	75	37	29	9	142	23	15·6	7
July	12·2	4·4	20·6	0·6	24·4	−1·1	80	72	59	39	11	190	31	16·4	6
August	9·9	4·4	17·2	0·6	23·3	−0·6	84	77	58	34	14	130	26	14·9	9
September	5·4	0·2	12·8	−4·4	14·4	−9·4	83	80	38	27	12	81	21	11·6	10
October	−1·9	−7·6	3·9	−16·1	7·2	−21·1	82	81	40	19	14	58	19	9·1	12
November	−9·8	−15·9	1·1	−27·8	5·6	−33·9	80	81	42	28	11	38	19	7·3	17
December	−16·4	−25·0	−3·9	−35·0	2·2	−42·2	78	80	31	22	12	12	9	4·5	24
Year	−5·3	−12·4	21·1*	−42·2*	24·4	−45·0	80	78	427	41	130	1355	27	16·4	129
No. of Years	12	12	13	13	13	13	13	13	13	13	13	5	5	5	5

Hall Lake 68° 47′ N 81° 15′ W 10 m — Northwest Territories (Franklin District)

Period 1957–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−27·1	−34·7	−10·3	−43·7	1·1	−48·3	79	78	9	5	10	—	—	—	—
February	−27·5	−35·5	−9·9	−45·6	−1·1	−47·8	78	80	11	15	8	—	—	—	—
March	−25·4	−34·3	−15·2	−42·3	−4·4	−46·7	79	75	7	6	7	—	—	—	—
April	−15·7	−26·1	−5·0	−36·9	0·0	−42·2	79	80	8	5	9	—	—	—	—
May	−4·9	−13·4	1·2	−25·0	3·3	−27·8	85	84	18	18	11	—	—	—	—
June	2·9	−2·4	8·1	−10·3	12·8	−17·2	89	85	10	11	7	—	—	—	—
July	8·8	2·5	16·9	−0·6	18·3	−1·7	86	82	41	20	10	—	—	—	—
August	6·9	1·7	12·9	−0·8	15·0	−2·8	89	84	39	23	11	—	—	—	—
September	1·2	−2·3	8·1	−8·8	11·7	−11·7	88	84	23	12	12	—	—	—	—
October	−8·2	−15·1	−0·7	−26·2	0·6	−30·0	85	84	17	15	11	—	—	—	—
November	−16·4	−24·6	−3·6	−35·6	−0·6	−40·0	81	80	13	8	11	—	—	—	—
December	−21·8	−30·5	−8·6	−40·2	−5·0	−44·4	77	77	8	3	10	—	—	—	—
Year	−10·6	−17·9	−16·9*	−46·7*	18·3	−48·3	83	81	204	23	117	—	—	—	—
No. of Years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

Holman Island 70° 30′ N 117° 38′ W 9 m — Northwest Territories (Franklin District)

Period 1940–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	2200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−25·3	−31·8	−15·0	−38·9	−6·7	−42·8	75	75	6	8	5	—	—	—	—
February	−27·2	−34·6	−15·0	−41·1	−2·2	−45·6	72	72	6	6	4	—	—	—	—
March	−21·9	−29·4	−10·6	−38·9	−4·4	−44·4	78	78	9	11	5	—	—	—	—
April	−13·1	−21·0	−2·8	−31·7	4·4	−37·2	87	83	9	13	4	—	—	—	—
May	−2·7	−8·9	5·6	−18·3	12·2	−25·0	91	87	8	13	6	—	—	—	—
June	6·9	−5·2	16·1	−6·1	21·7	−10·6	86	87	7	14	4	—	—	—	—
July	11·2	3·6	19·4	−1·1	25·6	−3·3	80	84	21	25	7	—	—	—	—
August	10·2	3·8	17·8	−1·7	23·9	−4·4	81	82	27	24	9	—	—	—	—
September	2·7	−1·7	9·4	−9·4	15·0	−13·3	91	91	20	17	9	—	—	—	—
October	−6·2	−11·3	1·7	−20·6	5·6	−25·0	92	93	17	15	10	—	—	—	—
November	−16·5	−22·3	−7·2	−31·1	−2·2	−38·9	86	84	8	6	6	—	—	—	—
December	−21·5	−27·6	−13·3	−36·1	−7·2	−44·4	81	79	5	8	5	—	—	—	—
Year	−8·6	−15·1	20·6*	−40·6*	25·6	−45·6	83	83	143	25	74	—	—	—	—
No. of Years	16	16	19	19	19	19	7	7	19	19	19	—	—	—	—

*Average of highest/lowest each year

CANADA

Isachsen 78° 47′ N 103° 32′ W 25 m — Northwest Territories (Franklin District)

Period 1948–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1100	1700							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−31·5	−38·7	−18·6	−47·7	−3·9	−52·8	58	62	2	3	3	—	—	—	—
February	−32·7	−39·4	−21·2	−47·4	−4·4	−53·3	70	69	2	6	3	—	—	—	—
March	−30·9	−38·1	−19·7	−46·6	−8·3	−53·9	60	57	2	4	4	—	—	—	—
April	−21·3	−29·1	−9·9	−39·5	−1·1	−45·6	70	71	4	5	5	—	—	—	—
May	−8·8	−14·8	−1·0	−24·4	2·2	−29·4	79	79	8	5	10	—	—	—	—
June	1·3	−2·7	7·8	−10·0	16·7	−14·4	86	86	6	19	6	—	—	—	—
July	5·9	0·9	13·1	−2·5	22·2	−3·9	84	84	19	13	8	—	—	—	—
August	3·5	−1·1	9·6	−6·6	14·4	−13·3	88	88	20	20	10	—	—	—	—
September	−6·2	−11·9	0·4	−22·6	3·9	−29·4	88	88	15	20	12	—	—	—	—
October	−15·9	−23·1	−6·1	−33·1	−1·7	−40·0	81	80	9	11	7	—	—	—	—
November	−23·6	−31·2	−12·1	−40·2	−3·9	−45·6	74	74	4	6	5	—	—	—	—
December	−28·5	−35·7	−18·6	−44·1	−11·7	−51·1	68	67	2	5	3	—	—	—	—
Year	−15·6	−22·1	13·7*	−49·9*	22·2	−53·9	75	75	93	20	76	—	—	—	—
No. of Years	17	17	18	18	18	18	11	11	17	17	18	—	—	—	—

Lake Harbour 62° 51′ N 69° 50′ W 16 m — Northwest Territories (Franklin District)

Period 1931–46 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−15·9	−24·2	−5·4	−37·1	3·9	−44·4	—	—	14	36	5	—	—	—	—
February	−19·1	−26·9	−6·6	−37·9	3·9	−45·0	—	—	17	13	5	—	—	—	—
March	−12·8	−22·0	−2·6	−33·9	5·6	−43·3	—	—	15	22	5	—	—	—	—
April	−7·2	−16·3	3·1	−26·5	6·7	−31·7	—	—	19	33	6	—	—	—	—
May	0·7	−6·6	8·2	−16·9	13·9	−24·4	—	—	22	45	7	—	—	—	—
June	6·1	−0·2	14·4	−3·5	18·9	−7·2	—	—	32	39	8	—	—	—	—
July	11·5	3·1	20·6	0·4	26·7	−1·7	—	—	48	54	7	—	—	—	—
August	11·1	3·0	18·9	0·3	23·3	−1·7	—	—	37	26	7	—	—	—	—
September	4·8	0·2	12·2	−4·2	15·0	−6·1	—	—	43	38	9	—	—	—	—
October	−0·8	−6·4	4·9	−14·9	10·0	−22·2	—	—	30	20	10	—	—	—	—
November	−6·7	−13·0	0·6	−25·7	5·0	−32·8	—	—	28	20	10	—	—	—	—
December	−13·9	−23·2	−4·1	−33·6	2·2	−38·3	—	—	13	10	7	—	—	—	—
Year	−3·5	−11·0	21·2*	−39·5*	26·7	−45·0	—	—	318	54	86	—	—	—	—
No. of Years	9	9	16	16	16	16	—	—	14	14	14	—	—	—	—

Longstaff Bluff 68° 57′ N 75° 18′ W 13 m — Northwest Territories (Franklin District)

Period 1958–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1900							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−23·6	−30·9	−8·9	−41·1	−3·3	−45·0	77	78	3	8	1	—	—	—	—
February	−25·1	−32·2	−9·4	−42·2	−1·1	−46·1	79	78	7	7	4	—	—	—	—
March	−25·7	−31·2	−15·6	−39·4	−6·1	−44·4	75	75	4	6	1	—	—	—	—
April	−14·9	−22·5	−4·4	−33·3	−1·1	−40·0	77	79	5	5	3	—	—	—	—
May	−4·8	−10·3	3·9	−19·4	8·3	−23·9	87	86	14	8	7	—	—	—	—
June	3·8	−1·3	11·7	−7·8	16·7	−12·2	87	85	15	21	4	—	—	—	—
July	10·8	4·0	17·8	−0·6	20·6	−2·2	83	75	43	48	7	—	—	—	—
August	8·9	3·1	15·6	−0·6	19·4	−2·8	87	77	30	27	8	—	—	—	—
September	1·1	−2·9	7·2	−10·0	10·0	−13·3	92	89	33	25	11	—	—	—	—
October	−7·6	−12·9	−1·1	−23·9	1·1	−28·9	86	86	18	16	7	—	—	—	—
November	−14·9	−21·6	−3·9	−33·3	1·1	−37·2	80	81	7	6	4	—	—	—	—
December	−20·1	−26·9	−10·0	−36·7	−4·4	−40·0	75	75	4	5	3	—	—	—	—
Year	−9·3	−15·5	18·3*	−42·8*	20·6	−46·1	82	80	183	48	60	—	—	—	—
No. of Years	8	8	8	8	8	8	8	8	8	8	8	—	—	—	—

*Average of highest/lowest each year

CANADA

Mackar Inlet 68° 18′ N 85° 41′ W 35 m — Northwest Territories (Franklin District)

Period 1958–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1830							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−27·9	−33·7	−12·2	−43·3	−2·8	−46·1	69	69	2	4	2	—	—	—	—
February	−27·7	−35·2	−13·9	−43·3	−5·6	−46·7	67	69	5	13	2	—	—	—	—
March	−25·8	−32·1	−15·0	−41·7	−6·7	−46·7	77	78	1	3	1	—	—	—	—
April	−16·8	−23·6	−5·0	−35·0	0·0	−39·4	77	79	·7	8	3	—	—	—	—
May	−7·1	−23·2	1·7	−21·1	6·1	−24·4	87	89	10	13	5	—	—	—	—
June	2·1	−3·1	10·6	−10·0	18·3	−13·3	90	89	5	6	3	—	—	—	—
July	10·1	3·4	17·8	−1·7	20·0	−3·9	84	75	19	13	5	—	—	—	—
August	7·0	1·4	13·3	−3·9	17·8	−6·7	87	82	43	22	9	—	—	—	—
September	−1·6	−5·6	6·7	−12·8	10·6	−16·1	92	92	34	11	11	—	—	—	—
October	−10·4	−16·0	−2·2	−26·1	1·7	−32·2	85	85	24	13	7	—	—	—	—
November	−16·8	−23·6	−3·3	−33·9	3·3	−38·9	81	81	4	5	2	—	—	—	—
December	−22·2	−29·2	−9·4	−38·9	1·1	−41·7	75	75	2	3	1	—	—	—	—
Year	−11·4	−17·5	17·8*	−45·0*	20·0	−46·7	81	80	156	22	51	—	—	—	—
No. of Years	8	8	8	8	8	8	8	8	8	8	8	—	—	—	—

Mould Bay 76° 17′ N 119° 28′ W 15 m — Northwest Territories (Franklin District)

Period 1948–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−29·3	−37·4	−16·3	−46·2	−8·3	−52·2	74	73	3	8	4	—	—	—	—
February	−31·6	−39·0	−21·4	−45·6	−10·6	−50·0	65	69	2	3	3	—	—	—	—
March	−28·7	−36·2	−18·2	−44·1	−10·6	−48·9	69	69	3	8	4	—	—	—	—
April	−18·8	−27·6	−9·9	−37·8	−1·7	−43·9	70	69	3	4	4	—	—	—	—
May	−7·1	−14·3	0·4	−23·5	5·6	−28·9	79	80	6	4	9	—	—	—	—
June	2·3	−2·5	8·3	−8·3	13·3	−13·3	83	82	6	12	5	—	—	—	—
July	6·2	1·2	12·2	−1·8	15·6	−3·9	83	80	16	15	8	—	—	—	—
August	4·2	−0·6	10·0	−6·2	13·9	−13·9	88	85	17	48	9	—	—	—	—
September	−4·2	−9·2	2·5	−19·6	7·8	−26·1	86	85	11	11	10	—	—	—	—
October	−14·1	−21·1	−4·8	−31·7	0·0	−36·1	80	79	8	7	8	—	—	—	—
November	−21·6	−29·6	−12·1	−38·1	−1·7	−43·3	75	74	3	3	4	—	—	—	—
December	−27·4	−34·5	−18·4	−43·1	−9·4	−52·8	71	71	3	2	5	—	—	—	—
Year	−14·2	−20·9	13·0*	−47·6*	15·6	−52·8	77	76	81	48	73	—	—	—	—
No. of Years	17	17	17	18	17	18	11	11	17	17	18	—	—	—	—

Nottingham Island 63° 07′ N 77° 56′ W 16 m — Northwest Territories (Franklin District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1900							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−21·1	−27·3	−9·4	−36·1	−1·1	−38·9	81	81	13	15	7	—	—	—	—
February	−21·6	−28·6	−11·1	−36·7	0·0	−41·1	82	79	12	15	5	—	—	—	—
March	−15·4	−23·3	−5·0	−33·3	1·1	−40·0	81	84	13	17	6	—	—	—	—
April	−8·2	−16·5	0·6	−26·7	6·1	−32·2	87	87	20	13	9	—	—	—	—
May	−0·7	−6·6	4·4	−16·7	8·3	−22·2	90	91	21	33	10	—	—	—	—
June	4·4	−0·9	11·7	−5·0	18·3	−12·2	87	89	25	40	9	—	—	—	—
July	9·3	1·9	17·2	−1·1	25·0	−3·9	84	86	37	36	10	—	—	—	—
August	9·2	2·3	15·6	−1·1	20·6	−5·6	89	91	43	37	10	—	—	—	—
September	4·0	−0·9	10·0	−5·0	15·0	−10·6	90	93	41	55	11	—	—	—	—
October	−1·2	−5·4	3·3	−11·7	11·1	−16·7	89	89	33	31	11	—	—	—	—
November	−7·4	−13·1	−0·6	−23·3	4·4	−29·4	86	87	35	20	13	—	—	—	—
December	−15·1	−21·5	−5·6	−31·7	−0·6	−37·8	83	84	19	18	9	—	—	—	—
Year	−5·3	−11·7	17·8*	−37·8*	25·0	−41·1	86	87	312	55	110	—	—	—	—
No. of Years	20	20	29	29	29	29	13	12	28	28	28	—	—	—	—

*Average of highest/lowest each year

CANADA

Padloping Island 67° 06′ N 62° 21′ W 40 m — Northwest Territories (Franklin District)

Period 1948−56 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−25·2	−31·1	−10·0	−39·4	−2·8	−45·0	74	73	14	11	9	—	—	—	—
February	−25·1	−31·0	−13·9	−37·2	−8·9	−43·3	75	69	16	18	7	—	—	—	—
March	−20·8	−27·2	−11·1	−36·7	−2·8	−41·7	78	74	7	11	5	—	—	—	—
April	−11·2	−19·7	0·6	−28·9	6·1	−32·2	84	79	5	4	7	—	—	—	—
May	−0·7	−7·8	5·6	−17·8	7·2	−25·6	79	76	14	4	8	—	—	—	—
June	5·3	−0·2	12·2	−5·6	13·3	−10·0	81	78	15	12	6	—	—	—	—
July	9·5	1·9	18·3	−2·2	22·8	−3·9	79	73	22	28	7	—	—	—	—
August	7·7	1·4	15·0	−1·7	18·3	−3·3	83	78	14	13	7	—	—	—	—
September	3·3	−0·8	11·7	−6·7	16·1	−8·9	84	79	27	15	9	—	—	—	—
October	−1·8	−6·4	4·4	−13·3	12·8	−15·6	79	80	39	10	15	—	—	—	—
November	−10·3	−14·8	1·1	−25·0	6·7	−30·0	79	80	38	28	13	—	—	—	—
December	−18·5	−24·0	−6·7	−32·8	0·0	−37·8	70	73	15	19	9	—	—	—	—
Year	−7·3	−13·3	18·3*	−40·6*	22·8	−45·0	79	76	226	28	102	—	—	—	—
No. of Years	7	7	9	9	9	9	7	7	9	9	9	—	—	—	—

Pangnirtung 66° 09′ N 65° 30′ W 13 m — Northwest Territories (Franklin District)

Period 1931−44 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−23·4	−30·1	−4·2	−38·9	8·9	−43·3	—	—	25	13	6	—	—	—	—
February	−22·8	−30·8	−4·7	−40·3	11·7	−46·7	—	—	27	122	3	—	—	—	—
March	−16·9	−26·3	−2·5	−36·4	6·1	−42·8	—	—	25	20	5	—	—	—	—
April	−8·8	−18·6	1·7	−29·4	11·1	−35·6	—	—	39	91	6	—	—	—	—
May	0·4	−7·2	8·7	−17·3	12·8	−27·8	—	—	17	19	5	—	—	—	—
June	5·9	−0·4	13·0	−4·2	20·6	−9·4	—	—	25	29	6	—	—	—	—
July	10·8	3·9	17·2	0·2	21·1	−2·2	—	—	38	25	9	—	—	—	—
August	9·8	4·0	16·1	0·3	19·4	−1·7	—	—	55	38	10	—	—	—	—
September	5·5	0·2	11·0	−5·3	16·7	−11·1	—	—	30	37	7	—	—	—	—
October	−1·5	−7·4	6·9	−14·8	13·3	−17·2	—	—	39	30	8	—	—	—	—
November	−8·6	−14·8	3·1	−26·2	11·1	−33·3	—	—	38	46	7	—	—	—	—
December	−18·7	−25·9	−2·4	−35·8	12·2	−41·1	—	—	37	102	5	—	—	—	—
Year	−5·7	−12·8	17·8*	−41·8*	21·1	−46·7			395	122	77	—	—	—	—
No. of Years	11	11	11	11	11	11			11	11	11	—	—	—	—

Pond Inlet 72° 43′ N 77° 30′ W 3 m — Northwest Territories (Franklin District)

Period 1931−60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−27·0	−35·4	−14·2	−44·8	0·0	−48·9	—	—	5	8	4	—	—	—	—
February	−29·4	−37·7	−16·4	−46·2	2·2	−53·3	—	—	6	19	3	—	—	—	—
March	−24·8	−33·6	−12·6	−43·9	0·0	−48·3	—	—	8	19	3	—	—	—	—
April	−17·2	−25·1	−7·1	−34·8	0·6	−42·2	—	—	6	10	2	—	—	—	—
May	−3·9	−13·9	3·8	−24·4	8·9	−31·7	—	—	9	10	4	—	—	—	—
June	4·6	−1·5	11·6	−7·1	17·2	−12·2	—	—	11	46	4	—	—	—	—
July	8·8	1·7	15·2	−1·4	20·0	−6·1	—	—	30	24	6	—	—	—	—
August	7·5	1·9	13·1	−0·9	17·2	−3·3	—	—	28	58	6	—	—	—	—
September	1·6	−2·7	7·7	−9·8	15·6	−17·8	—	—	20	25	5	—	—	—	—
October	−6·7	−12·3	0·2	−22·2	7·2	−28·9	—	—	16	20	6	—	—	—	—
November	−18·4	−24·7	−6·0	−35·3	3·9	−46·1	—	—	10	10	5	—	—	—	—
December	−25·1	−32·5	−13·1	−41·4	0·0	−46·7	—	—	6	15	3	—	—	—	—
Year	−10·8	−17·9	16·2*	−47·6*	20·0	−53·3	—	—	155	58	51	—	—	—	—
No. of Years	27	28	27	28	27	28	—	—	24	24	24	—	—	—	—

*Average of highest/lowest each year

CANADA

Resolute 74° 43′ N 94° 59′ W 64 m — Northwest Territories (Franklin District)

Period 1954–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−28·4	−35·4	−17·2	−43·9	−5·0	−46·7	69	69	3	2	5	0	—	0·0	31
February	−29·6	−36·8	−16·1	−43·9	−3·9	−49·4	68	66	4	4	5	15	11	6·6	24
March	−28·5	−35·3	−17·8	−42·8	−10·6	−51·7	72	71	3	2	4	134	38	11·4	8
April	−19·4	−26·8	−9·4	−37·2	−3·9	−41·7	74	74	6	7	7	239	47	18·3	2
May	−8·2	−14·6	−0·6	−24·4	1·7	−29·4	81	82	7	6	8	283	38	24·0	4
June	1·9	−2·4	7·8	−9·4	11·1	−13·3	88	84	10	12	7	270	36	24·0	4
July	7·1	1·9	13·3	−1·1	18·3	−2·8	88	82	25	17	8	282	38	24·0	5
August	5·0	0·4	11·7	−3·3	14·4	−6·1	92	87	30	25	10	151	23	23·2	10
September	−2·9	−6·9	3·3	−16·1	8·9	−20·6	89	88	15	6	12	47	11	12·3	16
October	−12·3	−18·3	−4·4	−29·4	0·0	−35·0	83	83	16	9	15	16	7	7·7	25
November	−20·8	−27·2	−10·0	−36·7	−2·8	−41·1	75	75	6	3	7	<1	2	2·3	30
December	−25·2	−33·6	−15·0	−40·6	−11·1	−43·9	71	70	6	4	7	0	—	0·0	31
Year	−13·4	−35·0	13·3*	−46·1*	18·3	−51·7	79	78	131	25	95	1437	21	24·0	190
No. of Years	12	12	12	12	12	12	11	11	12	12	12	12	12	12	12

Resolution Island 61° 18′ N 64° 53′ W 39 m — Northwest Territories (Franklin District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−15·1	−20·9	−3·9	−30·0	1·7	−34·4	85	84	23	25	10	—	—	—	—
February	−14·9	−20·7	−4·4	−29·4	1·7	−35·6	85	85	21	38	8	—	—	—	—
March	−11·4	−16·9	−1·7	−26·1	1·7	−30·0	89	88	20	15	10	—	—	—	—
April	−6·8	−11·9	0·0	−20·6	3·9	−37·8	90	89	17	18	9	—	—	—	—
May	−0·9	−4·7	3·9	−11·1	7·2	−18·9	93	91	24	25	10	—	—	—	—
June	2·7	−0·8	7·2	−3·9	14·4	−8·9	94	90	30	25	10	—	—	—	—
July	5·8	0·8	11·1	−1·7	15·0	−3·3	94	90	42	61	10	—	—	—	—
August	5·5	1·3	10·6	−2·8	14·4	−3·3	96	92	40	33	11	—	—	—	—
September	3·2	0·1	7·2	−8·3	10·0	−10·0	95	92	49	51	13	—	—	—	—
October	−0·4	−3·3	3·3	−8·3	7·2	−18·3	94	93	34	76	12	—	—	—	—
November	−3·8	−7·9	1·1	−15·0	3·9	−35·0	91	91	31	30	13	—	—	—	—
December	−9·9	−14·9	−1·1	−23·3	1·7	−30·0	89	89	30	25	14	—	—	—	—
Year	−3·8	−8·3	12·2*	−30·6*	15·0	−37·8	91	89	361	76	130	—	—	—	—
No. of Years	29	29	29	29	29	29	17	17	29	29	29	—	—	—	—

Rowley 69° 05′ N 79° 02′ W 32 m — Northwest Territories (Franklin District)

Period 1957–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−24·9	−32·1	−10·3	−40·1	0·0	−42·8	79	79	5	8	2	—	—	—	—
February	−24·6	−32·8	−7·9	−40·7	0·6	−43·3	78	77	7	6	3	—	—	—	—
March	−24·3	−32·1	−15·7	−37·9	−4·4	−43·3	77	76	1	1	1	—	—	—	—
April	−16·6	−24·0	−6·7	−33·4	−0·6	−37·8	81	82	6	5	2	—	—	—	—
May	−6·4	−12·4	0·3	−21·4	1·7	−25·6	88	89	23	10	8	—	—	—	—
June	1·8	−2·7	8·9	−8·0	15·0	−15·0	91	89	5	16	3	—	—	—	—
July	8·9	2·2	15·2	−0·9	18·3	−3·3	87	79	30	26	7	—	—	—	—
August	7·5	1·8	13·2	−1·5	16·7	−3·3	92	81	30	15	7	—	—	—	—
September	0·6	−3·2	6·6	−9·7	10·0	−11·7	92	89	28	18	7	—	—	—	—
October	−8·1	−13·1	−2·0	−22·5	0·0	−26·7	88	88	18	10	7	—	—	—	—
November	−15·8	−22·0	−4·4	−32·1	−1·7	−39·4	84	84	6	6	3	—	—	—	—
December	−20·8	−28·6	−9·8	−37·3	−4·4	−44·4	79	80	5	6	2	—	—	—	—
Year	−10·2	−16·6	15·7*	−42·4*	18·3	−44·4	85	83	164	26	52	—	—	—	—
No. of Years	8	9	8	9	8	9	6	6	8	8	8	—	—	—	—

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*Average of highest/lowest each year

CANADA

Sachs Harbour 71° 57′ N 124° 44′ W 84 m — Northwest Territories (Franklin District)

Period 1956–65 Bibliography 1, 2	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−26·3	−34·4	−13·0	−44·6	−5·0	−46·7	74	73	2	1	5	<1	1	1·4	31
February	−28·0	−34·7	−17·4	−42·5	−6·1	−47·8	75	75	2	1	4	60	33	8·7	12
March	−25·1	−32·4	−14·0	−40·6	−7·2	−43·9	76	75	2	5	3	193	54	12·3	3
April	−16·4	−24·1	−4·9	−35·3	2·2	−40·0	77	78	3	2	5	262	53	18·2	3
May	−5·5	−11·6	4·2	−22·1	9·4	−26·7	85	85	4	5	6	267	37	24·0	5
June	4·6	−0·7	13·6	−6·8	18·9	−11·1	85	85	9	18	4	322	45	24·0	3
July	8·8	2·7	16·8	−1·8	20·0	−3·9	83	80	19	22	8	317	43	24·0	4
August	7·4	1·7	14·8	−3·0	18·9	−6·1	87	83	19	18	8	210	35	21·0	6
September	−0·2	−4·5	6·7	−13·2	15·6	−20·0	90	89	14	12	9	69	17	13·1	12
October	−9·1	−15·6	−1·1	−27·7	0·6	−33·9	87	87	13	5	14	40	15	9·1	17
November	−19·1	−26·2	−9·6	−35·0	−5·6	−37·8	81	81	5	5	7	5	6	4·7	28
December	−23·5	−30·4	−13·8	−39·3	−9·4	−45·0	79	79	4	4	6	0	0	0·0	31
Year	−11·0	−17·5	17·4*	−45·3*	20·0	−47·8	82	81	96	22	79	1745	28	24·0	155
No. of Years	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9

Baker Lake 64° 18′ N 96° 00′ W 9 m — Northwest Territories (Keewatin District)

Period 1946–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−30·1	−37·5	−16·1	−45·0	−11·1	−49·4	75	69	5	3	6	—	—	—	—
February	−29·9	−36·1	−16·7	−44·4	−8·9	−50·0	—	82	4	5	6	—	—	—	—
March	−22·1	−29·7	−9·4	−40·6	−1·1	−50·0	77	76	6	5	7	—	—	—	—
April	−12·4	−20·4	−1·7	−32·8	3·9	−36·1	76	80	7	5	8	—	—	—	—
May	−2·3	−9·5	4·4	−20·0	9·4	−26·1	82	84	6	11	7	—	—	—	—
June	6·8	−0·4	16·1	−6·7	23·3	−13·3	85	78	18	14	7	—	—	—	—
July	15·4	5·2	23·9	0·6	26·7	−1·7	84	73	35	36	9	—	—	—	—
August	14·4	5·6	22·2	1·1	27·8	−2·2	88	72	38	21	10	—	—	—	—
September	6·1	0·0	14·4	−6·1	20·0	−8·9	90	81	30	25	10	—	—	—	—
October	−3·8	−10·3	3·3	−21·1	9·4	−28·3	86	84	18	32	11	—	—	—	—
November	−15·5	−23·6	1·7	−33·9	2·2	−40·0	75	81	9	9	9	—	—	—	—
December	−23·7	−30·9	−11·1	−41·1	−4·4	−45·6	73	75	7	5	7	—	—	—	—
Year	−8·1	−15·6	25·0*	−46·1*	27·8	−50·0	—	78	183	36	97	—	—	—	—
No. of Years	14	13	15	14	15	14	9	14	14	14	13	—	—	—	—

Chesterfield 63° 20′ N 90° 43′ W 4 m — Northwest Territories (Keewatin District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1800							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−27·2	−35·1	−12·8	−44·4	−0·6	−51·1	56	54	8	11	6	—	—	—	—
February	−28·6	−35·7	−15·0	−43·9	−0·6	−49·4	79	81	8	13	5	—	—	—	—
March	−20·7	−29·0	−8·3	−40·0	−1·1	−46·7	78	76	12	20	7	—	—	—	—
April	−11·9	−21·6	−1·7	−32·8	5·6	−38·9	84	87	16	20	8	—	—	—	—
May	−2·4	−8·9	3·3	−20·6	7·2	−27·2	91	91	14	15	7	—	—	—	—
June	5·7	−0·6	16·1	−6·1	25·0	−15·0	89	83	26	41	7	—	—	—	—
July	12·9	4·4	23·3	0·6	28·9	−1·1	86	76	44	58	10	—	—	—	—
August	12·0	5·0	20·6	1·7	30·0	−1·1	88	78	42	39	10	—	—	—	—
September	5·2	0·5	12·8	−5·6	19·4	−12·8	90	85	39	34	11	—	—	—	—
October	−2·7	−8·1	3·9	−19·4	9·4	−30·0	90	89	30	25	11	—	—	—	—
November	−12·5	−20·3	−1·7	−33·3	9·4	−38·9	84	84	24	30	9	—	—	—	—
December	−21·3	−29·4	−9·4	−40·6	−4·4	−47·8	74	74	15	28	8	—	—	—	—
Year	−7·6	−14·9	24·4*	−45·6*	30·0	−51·1	82	80	278	58	99	—	—	—	—
No. of Years	22	21	30	30	30	30	19	19	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Coral Harbour 64° 12′ N 83° 22′ W 59 m

Northwest Territories (Keewatin District)

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0630	Average of observations at 1830	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−26·7	−35·2	−12·2	−45·0	−0·6	−51·7	81	80	9	6	8	—	—	—	—
February	−24·8	−34·4	−11·7	−44·4	−1·1	−48·3	86	83	10	8	8	—	—	—	—
March	−17·3	−28·4	−7·8	−39·4	−3·3	−46·1	83	83	10	12	8	—	—	—	—
April	−10·8	−21·2	−1·7	−32·8	4·4	−39·4	85	85	15	25	9	—	—	—	—
May	−1·5	−9·4	5·0	−22·2	8·9	−28·3	88	87	19	23	9	—	—	—	—
June	5·3	−0·9	12·8	−6·1	19·4	−11·7	86	81	28	21	9	—	—	—	—
July	12·6	4·0	20·6	0·6	25·0	−1·1	83	74	38	29	10	—	—	—	—
August	11·8	3·7	19·4	−1·1	26·1	−2·8	88	78	40	27	10	—	—	—	—
September	4·0	−1·6	11·1	−7·8	16·1	−11·7	90	87	34	23	9	—	—	—	—
October	−4·2	−11·4	1·7	−22·8	5·0	−28·9	90	91	30	18	13	—	—	—	—
November	−12·6	−20·5	−2·2	−32·2	1·7	−36·7	88	87	17	8	11	—	—	—	—
December	−20·3	−28·9	−7·2	−40·6	−2·8	−47·2	86	83	13	9	9	—	—	—	—
Year	−7·1	−15·4	21·7*	−46·1*	26·1	−51·7	86	83	263	29	113	—	—	—	—
No. of Years	15	15	16	16	16	16	16	16	16	16	16	—	—	—	—

Ennadai Lake 61° 08′ N 100° 55′ W 325 m

Northwest Territories (Keewatin District)

Period 1950–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0530	Average of observations at 1130	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−28·4	−35·5	−13·9	−43·9	−2·8	−47·2	68	67	8	5	9	—	—	—	—
February	−24·4	−32·4	−9·4	−42·2	0·6	−48·3	76	73	7	5	7	—	—	—	—
March	−18·3	−27·3	−1·7	−40·6	3·3	−45·6	75	77	6	5	8	—	—	—	—
April	−8·1	−17·8	3·9	−31·7	10·6	−36·1	82	80	10	6	10	—	—	—	—
May	0·6	−6·7	9·4	−18·9	16·7	−26·7	86	82	15	30	9	—	—	—	—
June	11·8	1·1	22·2	−5·0	28·9	−8·3	86	69	23	35	8	—	—	—	—
July	16·7	7·7	26·1	1·7	29·4	−0·6	86	67	43	41	11	—	—	—	—
August	16·0	7·6	23·9	2·2	27·2	−1·1	90	71	37	43	10	—	—	—	—
September	7·3	1·5	18·3	−5·6	24·4	−7·8	90	80	35	20	12	—	—	—	—
October	−2·3	−8·2	6·7	−20·0	16·7	−30·6	90	87	24	15	14	—	—	—	—
November	−13·3	−20·8	−0·6	−32·8	3·3	−40·6	79	78	13	6	13	—	—	—	—
December	−21·2	−28·8	−7·8	−39·4	1·1	−45·0	76	74	10	8	10	—	—	—	—
Year	−5·3	−13·3	27·2*	−45·0*	29·4	−48·3	82	75	231	43	121	—	—	—	—
No. of Years	10	10	11	11	11	11	9	9	11	11	11	—	—	—	—

Spence Bay 69° 31′ N 93° 27′ W 13 m

Northwest Territories (Keewatin District)

Period 1951–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−29·2	−36·2	−10·7	−46·8	−1·7	−51·1	—	—	7	10	6	—	—	—	—
February	−26·4	−38·7	−15·8	−46·6	−13·9	−50·6	—	—	7	12	4	—	—	—	—
March	−23·9	−34·8	−10·8	−43·1	−5·0	−45·6	—	—	5	5	4	—	—	—	—
April	−16·6	−25·2	−6·3	−36·8	0·0	−40·6	—	—	8	8	6	—	—	—	—
May	−5·3	−12·9	1·9	−25·6	3·9	−29·4	—	—	17	19	7	—	—	—	—
June	3·8	−1·7	12·5	−9·1	17·8	−13·3	—	—	25	35	8	—	—	—	—
July	10·4	4·4	19·4	0·3	22·8	−1·1	—	—	21	13	7	—	—	—	—
August	9·4	4·8	16·9	−0·6	19·4	−3·3	—	—	26	15	9	—	—	—	—
September	1·3	−1·8	8·8	−10·9	11·1	−15·6	—	—	19	14	7	—	—	—	—
October	−8·9	−13·6	−0·4	−26·0	1·7	−33·3	—	—	26	20	10	—	—	—	—
November	−21·2	−27·1	−8·3	−36·2	−3·9	−40·6	—	—	11	10	7	—	—	—	—
December	−29·8	−32·9	−20·4	−43·1	−15·6	−46·1	—	—	7	9	5	—	—	—	—
Year	−11·4	−18·0	19·4*	−48·0*	22·8	−51·1	—	—	179	35	80	—	—	—	—
No. of Years	8	9	9	10	9	10	—	—	10	9	10	—	—	—	—

*Average of highest/lowest each year

CANADA

Aklavik 68° 14′ N 135° 00′ W 9 m — Northwest Territories (Mackenzie District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−24·8	−32·5	−9·4	−44·4	6·1	−50·6	—	—	13	20	8	13	14	4·4	25
February	−23·3	−31·4	−8·3	−43·9	9·4	−52·2	—	—	12	23	8	94	43	8·6	8
March	−17·4	−27·1	−3·3	−38·9	9·4	−48·9	—	—	9	15	7	177	49	11·8	4
April	−7·1	−18·1	6·7	−32·2	13·9	−42·2	—	—	13	28	7	277	58	16·1	2
May	4·1	−5·2	16·1	−17·2	25·0	−25·6	—	—	10	13	5	297	46	21·1	3
June	14·3	4·6	25·0	−2·2	30·0	−6·7	—	—	19	30	6	401	55	24·0	1
July	18·5	9·3	27·2	2·2	30·6	−1·1	—	—	32	41	10	276	39	24·0	2
August	15·2	6·8	24·4	1·1	28·9	−3·9	—	—	33	25	11	206	38	17·8	5
September	6·7	0·7	17·2	−6·7	24·4	−11·1	—	—	28	15	11	95	24	14·0	12
October	−3·9	−9·2	6·1	−21·7	12·8	−28·9	—	—	24	19	11	72	25	9·0	15
November	−15·8	−22·4	−3·9	−35·6	6·7	−45·6	—	—	17	15	10	22	13	5·8	21
December	−23·3	−30·5	−7·2	−42·2	10·0	−47·8	—	—	11	13	8	0	—	0·0	31
Year	−4·7	−12·9	27·8*	−46·7*	30·6	−52·2	—	—	221	41	102	1930	34	24·0	129
No. of Years	22	22	30	30	30	30	—	—	30	30	30	5	5	5	5

Bathurst Inlet 66° 51′ N 108° 01′ W 13 m — Northwest Territories (Mackenzie District)

Period 1957–62 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1100	1700							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−26·7	−35·7	−14·4	−45·7	−9·4	−48·9	73	75	11	8	10	—	—	—	—
February	−26·3	−34·8	−15·4	−42·1	−13·3	−45·6	61	63	9	11	7	—	—	—	—
March	−23·1	−32·8	−10·2	−41·1	−1·7	−44·4	69	69	14	10	11	—	—	—	—
April	−12·3	−23·3	2·0	−36·8	6·1	−39·4	73	75	11	7	8	—	—	—	—
May	−1·4	−9·4	9·3	−22·5	12·2	−26·7	79	79	27	17	9	—	—	—	—
June	11·0	2·2	22·0	−5·2	26·7	−11·1	72	68	27	31	6	—	—	—	—
July	16·4	7·7	27·6	2·0	31·7	0·6	68	66	40	20	9	—	—	—	—
August	13·4	5·8	23·3	1·3	31·1	−1·7	73	68	60	22	12	—	—	—	—
September	5·2	−0·3	15·2	−8·6	17·2	−12·8	79	78	30	16	15	—	—	—	—
October	−5·1	−11·3	1·9	−20·9	3·3	−26·1	78	80	21	5	15	—	—	—	—
November	−17·2	−24·3	−5·2	−34·2	−3·9	−40·0	74	73	17	6	12	—	—	—	—
December	−21·0	−29·5	−8·6	−39·6	−1·7	−42·2	74	73	17	12	12	—	—	—	—
Year	−7·3	−15·5	28·7*	−46·5*	31·7	−48·9	73	72	284	31	126	—	—	—	—
No. of Years	5	5	5	5	5	5	6	6	5	5	5	—	—	—	—

Clinton Point 69° 35′ N 120° 45′ W 6 m — Northwest Territories (Mackenzie District)

Period 1957–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1000	1600							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−24·7	−32·0	−7·6	−39·4	−1·1	−41·1	70	70	5	10	3	—	—	—	—
February	−25·2	−32·5	−15·0	−39·5	−7·2	−42·2	71	75	3	6	2	—	—	—	—
March	−23·0	−30·7	−7·9	−37·5	2·8	−41·1	73	74	5	9	3	—	—	—	—
April	−14·0	−21·3	0·9	−31·7	6·7	−37·8	81	83	14	17	4	—	—	—	—
May	−3·1	−9·9	10·0	−21·2	15·6	−23·3	89	89	8	6	4	—	—	—	—
June	5·7	−0·3	15·8	−5·6	20·0	−9·4	87	87	18	27	4	—	—	—	—
July	10·9	3·1	22·2	−1·0	28·9	−2·2	83	83	29	22	8	—	—	—	—
August	10·4	4·0	21·1	−0·6	25·0	−2·8	85	83	39	28	8	—	—	—	—
September	2·6	−1·8	12·8	−8·6	23·3	−12·2	89	89	37	38	11	—	—	—	—
October	−5·0	−10·1	3·2	−18·7	6·1	−24·4	86	87	26	15	10	—	—	—	—
November	−15·8	−21·9	−5·4	−30·6	2·2	−33·9	79	76	9	6	6	—	—	—	—
December	−19·3	−26·1	−6·5	−33·3	−1·1	−37·2	76	77	8	13	3	—	—	—	—
Year	−8·4	−15·0	24·2*	−40·4*	28·9	−42·2	81	81	201	38	66	—	—	—	—
No. of Years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

*Average of highest/lowest each year

CANADA

Contwoyto Lake 65° 28′ N 110° 24′ W 451 m Northwest Territories (Mackenzie District)

Period 1960–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	1030	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−28·4	−35·9	−16·1	−43·9	−11·1	−47·2	64	65	7	4	9	—	—	—	—
February	−29·0	−35·9	−15·0	−44·4	−8·3	−48·3	68	65	8	4	9	—	—	—	—
March	−25·1	−34·3	−13·3	−45·0	−6·1	−53·3	61	63	11	4	12	—	—	—	—
April	−12·7	−23·2	−1·1	−36·7	1·7	−40·6	75	76	11	3	11	—	—	—	—
May	−2·3	−10·8	5·6	−25·6	6·7	−30·0	82	84	14	8	11	—	—	—	—
June	9·7	0·6	19·4	−4·4	23·9	−8·3	75	69	27	41	8	—	—	—	—
July	15·2	4·5	22·8	0·0	27·2	−2·2	71	65	46	22	11	—	—	—	—
August	12·8	5·4	19·4	0·0	23·9	−2·8	75	71	41	16	12	—	—	—	—
September	3·4	−1·7	11·7	−7·2	16·1	−11·1	83	79	24	11	11	—	—	—	—
October	−4·9	−10·6	3·3	−22·8	8·3	−27·2	83	83	27	11	19	—	—	—	—
November	−17·3	−24·4	−5·0	−35·0	−1·1	−30·6	73	73	18	7	14	—	—	—	—
December	−23·9	−31·3	−11·1	−41·7	−6·1	−43·3	68	69	12	4	11	—	—	—	—
Year	−8·6	−16·4	23·3*	−47·8*	27·2	−53·3	73	72	246	41	138	—	—	—	—
No. of Years	6	6	6	6	6	6	6	6	6	6	6	—	—	—	—

Coppermine 67° 49′ N 115° 05′ W 9 m Northwest Territories (Mackenzie District)

Period 1931–60 Bibliography 1, 6	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−24·2	−32·2	−12·2	−42·8	−2·8	−47·8	61	59	12	23	8	5	5	3·5	28
February	−26·2	−34·3	−13·3	−43·3	1·1	−50·0	74	74	8	20	6	78	36	9·0	9
March	−21·3	−29·8	−7·2	−40·6	−1·7	−48·9	71	70	13	25	8	149	42	11·4	6
April	−11·9	−21·3	0·6	−35·6	7·8	−42·9	73	73	10	25	6	219	45	15·9	4
May	−1·3	−9·1	8·9	−22·2	23·3	−31·1	86	84	12	15	7	210	33	20·4	6
June	6·8	−0·3	20·0	−6·7	27·8	−15·0	89	84	20	63	7	275	38	24·0	6
July	13·1	5·0	25·0	1·1	30·6	−0·6	87	80	34	34	10	283	40	24·0	3
August	12·3	4·9	22·2	−1·1	28·3	−2·8	92	84	44	48	12	187	34	17·8	6
September	5·6	0·1	14·4	−7·8	26·1	−13·9	92	89	28	27	11	72	18	12·1	13
October	−3·3	−8·9	5·0	−21·7	13·9	−33·3	90	89	26	30	11	47	16	9·5	17
November	−14·9	−22·3	−5·0	−35·0	2·2	−41·1	68	68	15	25	10	11	8	4·1	24
December	−21·8	−29·7	−11·7	−40·0	−0·6	−45·0	73	73	11	26	8	0	—	0·0	31
Year	−7·3	−14·8	26·1*	−45·0*	30·6	−50·0	80	77	234	63	104	1536	26	24·0	153
No. of Years	22	22	29	29	29	29	28	28	30	29	29	12	12	9	9

Fort Good Hope 66° 15′ N 128° 38′ W 65 m Northwest Territories (Mackenzie District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent’*		*millimetres*			*hours*		*hours*	
January	−25·2	−34·6	−10·6	−48·3	6·7	−55·0	—	—	18	23	8	—	—	—	—
February	−22·9	−34·9	−7·6	−46·5	13·3	−56·1	—	—	15	13	8	—	—	—	—
March	−15·4	−28·4	0·1	−42·1	15·6	−49·4	—	—	14	20	8	—	—	—	—
April	−2·4	−16·3	9·9	−32·9	18·3	−45·0	—	—	12	14	6	—	—	—	—
May	10·2	−2·0	21·5	−13·3	28·9	−25·6	—	—	19	27	7	—	—	—	—
June	19·3	6·2	28·2	−0·7	34·4	−5·6	—	—	28	32	8	—	—	—	—
July	21·9	8·7	29·6	1·1	32·2	−2·2	—	—	47	57	9	—	—	—	—
August	18·1	5·8	27·3	−2·4	33·9	−6·7	—	—	55	69	13	—	—	—	—
September	9·7	−0·4	19·9	−10·1	27·8	−17·2	—	—	34	28	11	—	—	—	—
October	−1·8	−9·6	8·6	−24·8	13·3	−36·1	—	—	32	20	12	—	—	—	—
November	−16·2	−24·7	−3·1	−39·0	5·0	−46·7	—	—	28	18	11	—	—	—	—
December	−23·8	−32·4	−8·9	−44·9	3·9	−53·3	—	—	16	13	9	—	—	—	—
Year	−2·4	−13·5	30·4*	−50·2*	34·4	−56·1	—	—	318	69	110	—	—	—	—
No. of Years	22	22	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Fort Norman 64° 54′ N 125° 30′ W 91 m Northwest Territories (Mackenzie District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−22·7	−31·9	−9·9	−45·7	5·6	−53·9	—	—	15	20	6	—	—	—	—
February	−20·2	−29·4	−6·3	−43·3	6·7	−54·4	—	—	13	30	6	—	—	—	—
March	−12·3	−24·1	0·7	−38·4	15·0	−50·0	—	—	12	28	6	—	—	—	—
April	−0·7	−13·6	12·1	−28·4	20·6	−38·9	—	—	13	28	6	—	—	—	—
May	11·7	−0·6	22·9	−11·2	32·2	−23·3	—	—	21	30	6	—	—	—	—
June	19·7	6·6	28·6	−0·9	34·4	−5·0	—	—	43	46	8	—	—	—	—
July	22·2	9·2	29·4	0·3	32·2	−3·3	—	—	50	39	8	—	—	—	—
August	18·9	6·8	27·4	−1·6	33·3	−6·1	—	—	55	60	10	—	—	—	—
September	11·2	1·5	21·6	−7·7	27·2	−15·6	—	—	39	60	9	—	—	—	—
October	0·4	−6·9	11·1	−19·8	19·4	−32·8	—	—	28	61	7	—	—	—	—
November	−13·9	−19·8	−1·9	−35·0	8·3	−43·9	—	—	28	50	8	—	—	—	—
December	−22·1	−29·7	−9·2	−43·3	1·1	−53·3	—	—	15	33	6	—	—	—	—
Year	−0·7	−11·0	30·9*	−48·7*	34·4	−54·4	—	—	332	61	86	—	—	—	—
No. of Years	20	20	28	28	28	28	—	—	28	27	28	—	—	—	—

Fort Reliance 62° 43′ N 109° 06′ W 164 m Northwest Territories (Mackenzie District)

Period 1948–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−25·1	−33·8	−9·7	−45·5	−0·6	−50·6	—	—	10	8	9	—	—	—	—
February	−21·7	−32·4	−7·7	−45·1	6·1	−49·4	—	—	11	6	9	—	—	—	—
March	−14·7	−26·2	2·4	−42·3	6·1	−46·7	—	—	10	8	8	—	—	—	—
April	−3·7	−15·6	10·2	−31·3	15·0	−37·2	—	—	10	11	7	—	—	—	—
May	5·9	−3·4	16·7	−17·4	23·3	−28·9	—	—	12	10	7	—	—	—	—
June	13·4	2·5	23·4	−3·2	29·4	−6·1	—	—	19	38	6	—	—	—	—
July	17·6	7·8	27·2	2·6	30·6	−1·1	—	—	26	23	8	—	—	—	—
August	17·1	8·9	24·8	3·6	30·0	1·1	—	—	28	34	9	—	—	—	—
September	9·8	3·7	19·6	−3·1	27·2	−6·7	—	—	28	20	9	—	—	—	—
October	0·2	−5·3	9·1	−16·3	15·6	−23·3	—	—	28	17	11	—	—	—	—
November	−10·4	−17·7	1·7	−32·6	6·7	−43·3	—	—	24	11	13	—	—	—	—
December	−19·5	−27·9	−8·6	−40·3	0·6	−45·6	—	—	18	20	12	—	—	—	—
Year	−2·6	−11·6	28·3*	−47·0*	30·6	−50·6	—	—	224	38	108	—	—	—	—
No. of Years	12	12	13	13	13	13	—	—	13	13	13	—	—	—	—

Fort Resolution 61° 10′ N 113° 41′ W 167 m Northwest Territories (Mackenzie District)

Period 1931–38 1943–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−21·3	−29·9	−6·3	−42·2	5·0	−51·1	78	76	12	18	8	—	—	—	—
February	−19·4	−28·9	−6·7	−39·7	6·7	−48·9	77	77	13	13	7	—	—	—	—
March	−10·5	−21·3	2·2	−37·0	8·9	−43·9	84	81	11	11	7	—	—	—	—
April	−0·2	−10·9	11·5	−26·3	17·8	−35·6	85	74	13	19	5	—	—	—	—
May	10·9	0·1	22·5	−9·8	30·0	−18·9	83	62	19	40	6	—	—	—	—
June	16·9	5·9	26·3	−1·0	31·7	−4·4	81	57	26	24	5	—	—	—	—
July	20·4	10·7	28·3	5·4	33·3	2·8	85	62	33	34	8	—	—	—	—
August	19·0	9·7	26·6	2·8	32·2	−1·1	89	65	35	31	8	—	—	—	—
September	11·8	4·3	20·8	−2·9	27·2	−6·1	89	74	43	35	10	—	—	—	—
October	3·2	−2·8	12·0	−12·9	19·4	−23·3	90	83	34	24	10	—	—	—	—
November	−7·4	−14·4	3·3	−27·6	8·9	−35·6	91	91	39	25	14	—	—	—	—
December	−17·4	−25·9	−5·3	−38·4	6·1	−46·7	84	84	22	22	11	—	—	—	—
Year	0·5	−8·6	29·3*	−44·1*	33·3	−51·1	85	74	300	40	99	—	—	—	—
No. of Years	15	16	24	24	24	24	17	17	24	24	24	—	—	—	—

*Average of highest/lowest each year

CANADA

Fort Simpson 61° 52′ N 121° 21′ W 129 m Northwest Territories (Mackenzie District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−21·5	−30·1	−6·1	−45·0	11·7	−54·4	76	74	17	17	9	46	24	5·9	16
February	−19·0	−28·2	−4·4	−42·2	15·6	−56·1	79	75	12	13	8	87	34	8·4	9
March	−8·6	−20·5	4·4	−36·7	12·8	−42·8	83	70	14	20	9	126	34	10·6	8
April	2·7	−9·4	15·0	−24·4	21·7	−39·4	82	60	20	23	7	190	43	14·6	5
May	14·1	2·0	25·0	−6·1	31·7	−13·9	83	51	29	25	8	261	48	17·1	2
June	20·4	7·8	28·9	0·6	35·0	−2·8	82	50	36	61	9	249	42	23·7	3
July	23·2	10·4	30·6	3·9	35·0	0·6	85	53	54	86	10	249	44	17·0	3
August	20·5	8·3	28·3	0·6	34·4	−4·4	87	57	47	59	9	235	48	16·3	3
September	13·2	3·1	22·8	−5·6	30·0	−13·3	87	63	32	34	8	120	31	12·1	7
October	2·8	−4·4	15·0	−16·7	23·9	−27·8	86	73	21	19	8	90	29	9·3	9
November	−10·9	−17·2	2·2	−31·7	13·3	−41·7	84	83	24	22	10	47	20	7·3	16
December	−19·3	−26·9	−6·7	−40·6	11·1	−53·3	80	78	22	25	11	25	17	5·0	19
Year	1·5	−8·9	31·7*	−46·7*	35·0	−56·1	83	66	328	86	106	1725	35	23·7	100
No. of Years	22	22	30	30	30	30	13	13	30	30	30	7	7	7	7

Fort Smith 60° 01′ N 111° 58′ W 203 m Northwest Territories (Mackenzie District)

Period 1931–60 Bibliography 1, 6	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−19·9	−30·2	−2·8	−44·4	12·2	−53·3	—	—	15	15	10	61	29	7·5	10
February	−16·7	−28·4	−2·2	−42·2	12·2	−51·1	—	—	17	36	9	117	45	9·3	6
March	−7·1	−20·6	6·1	−38·9	11·7	−48·3	—	—	19	25	9	167	46	11·7	3
April	3·8	−9·3	15·6	−26·7	26·7	−40·6	—	—	17	29	6	240	55	14·9	3
May	13·6	0·8	25·0	− 8·3	31·1	−19·4	—	—	26	25	7	282	53	16·3	2
June	19·9	5·8	28·3	−1·7	33·3	−6·1	—	—	31	44	8	316	57	17·3	1
July	23·2	9·2	31·1	1·7	39·4	−3·9	—	—	53	40	10	296	53	17·0	1
August	20·8	7·6	28·9	−1·1	34·4	−6·7	—	—	35	20	10	268	56	15·2	1
September	13·8	2·8	23·9	−6·1	31·7	−10·0	—	—	42	31	11	133	35	11·9	5
October	4·9	−3·6	17·2	−17·2	23·9	−25·6	—	—	29	22	11	86	28	9·1	9
November	−7·5	−15·4	5·0	−31·7	11·1	−41·1	—	—	26	25	12	45	20	7·5	15
December	−15·8	−24·9	−2·8	−40·6	10·0	−51·1	—	—	27	20	12	27	15	5·5	19
Year	2·8	−8·8	31·7*	−46·1*	39·4	−53·3	—	—	337	44	115	2038	41	17·3	75
No. of Years	22	22	30	30	30	30	—	—	30	30	30	8	8	8	8

Hay River 60° 51′ N 115° 46′ W 161 m Northwest Territories (Mackenzie District)

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−18·7	−28·6	−1·7	−42·8	9·4	−51·1	84	82	17	15	9	—	—	—	—
February	−16·8	−27·5	−1·7	−41·1	13·3	−48·3	83	83	16	31	9	—	—	—	—
March	−8·8	−21·1	5·6	−38·3	15·6	−45·6	83	77	15	22	9	—	—	—	—
April	1·2	−10·1	15·0	−25·6	23·3	−38·9	85	71	16	20	6	—	—	—	—
May	9·9	−0·3	23·9	−9·4	33·3	−18·9	82	65	24	36	6	—	—	—	—
June	16·6	5·6	27·2	−1·7	32·8	−5·6	82	60	25	26	7	—	—	—	—
July	20·7	10·4	30·0	4·4	34·4	2·8	85	63	40	52	9	—	—	—	—
August	19·4	9·1	28·3	2·2	33·9	−2·2	88	66	37	38	9	—	—	—	—
September	12·9	4·2	23·3	−4·4	30·0	−8·3	87	70	39	29	9	—	—	—	—
October	4·6	−2·6	16·7	−14·4	24·4	−26·1	87	78	35	33	10	—	—	—	—
November	−7·6	−15·2	5·6	−29·4	15·0	−40·6	89	88	34	26	12	—	—	—	—
December	−15·7	−24·8	−2·2	−38·9	12·2	−50·6	84	86	23	18	11	—	—	—	—
Year	1·5	−8·4	31·1*	−45·0*	34·4	−51·1	85	74	321	52	106	—	—	—	—
No. of Years	22	22	30	30	30	30	17	17	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Norman Wells 65° 18′ N 126° 51′ W 64 m — Northwest Territories (Mackenzie District)

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0330	1530							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−23·8	−31·7	−9·4	−45·0	6·7	−52·8	85	86	20	18	12	—	—	—	—
February	−21·5	−30·7	−7·8	−43·3	5·0	−54·4	82	83	16	12	12	—	—	—	—
March	−12·7	−25·0	1·7	−37·8	11·1	−46·1	85	77	12	7	10	—	—	—	—
April	−1·3	−14·0	11·1	−27·8	17·8	−37·2	84	66	13	24	7	—	—	—	—
May	10·8	−1·1	21·7	−10·0	31·1	−17·2	82	57	15	36	7	—	—	—	—
June	19·2	7·9	26·7	0·6	31·1	−2·8	79	51	34	37	10	—	—	—	—
July	21·8	10·0	30·0	2·8	31·7	−1·1	83	53	48	37	11	—	—	—	—
August	18·6	7·8	27·8	0·6	31·7	−6·1	88	60	63	49	12	—	—	—	—
September	10·2	2·0	20·0	−7·2	25·6	13·9	90	72	40	27	12	—	—	—	—
October	−0·6	−7·3	10·0	−18·3	15·0	−27·2	90	81	24	12	12	—	—	—	—
November	−14·6	−21·3	−3·3	−35·6	3·3	−42·8	89	88	26	17	14	—	—	—	—
December	−22·4	−29·3	−9·4	−41·7	1·7	−47·2	85	86	21	17	12	—	—	—	—
Year	−1·3	−11·0	30·6*	−47·2*	31·7	−54·4	85	72	332	49	131	—	—	—	—
No. of Years	16	16	17	17	17	17	17	17	17	17	17	—	—	—	—

Port Radium 66° 05′ N 118° 02′ W 191 m — Northwest Territories (Mackenzie District)

Period 1938–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1600							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−23·4	−30·1	−11·9	−40·7	−2·2	−47·8	75	76	11	8	9	—	—	—	—
February	−23·0	−30·8	−10·6	−40·8	3·3	−47·2	72	73	8	7	7	—	—	—	—
March	−14·9	−24·1	1·1	−36·5	6·1	−43·9	77	77	14	10	9	—	—	—	—
April	−4·6	−15·3	7·7	−29·2	14·4	−38·3	80	73	7	8	6	—	—	—	—
May	6·0	−3·1	16·7	−14·3	23·9	−22·8	80	69	14	26	5	—	—	—	—
June	13·7	3·8	23·0	−3·1	30·6	−6·1	73	60	13	15	5	—	—	—	—
July	16·6	7·3	26·3	1·6	30·0	−0·6	77	63	35	52	7	—	—	—	—
August	14·7	7·2	23·4	1·5	27·8	−2·8	79	69	43	31	9	—	—	—	—
September	8·4	2·7	17·1	−4·8	23·9	−9·4	84	76	25	33	8	—	—	—	—
October	−0·6	−5·6	8·2	−15·7	16·7	−20·0	86	85	27	17	10	—	—	—	—
November	−11·6	−17·6	−0·9	−28·8	7·2	−41·1	82	82	25	13	12	—	—	—	—
December	−19·2	−25·8	−9·2	−36·4	1·1	−41·7	75	77	14	11	9	—	—	—	—
Year	−3·2	−10·9	26·9*	−42·6*	30·6	−47·8	78	73	236	52	96	—	—	—	—
No. of Years	20	21	21	21	21	21	18	19	21	21	21	—	—	—	—

Snare Rapids 63° 30′ N 116° 00′ W 212 m — Northwest Territories (Mackenzie District)

Period 1947–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−24·2	−33·6	−9·9	−47·4	1·7	−51·1	—	—	12	5	8	—	—	—	—
February	−21·3	−33·3	−10·1	−45·8	5·0	−49·4	—	—	11	8	7	—	—	—	—
March	−11·9	−27·1	0·8	−42·2	5·0	−47·2	—	—	17	13	7	—	—	—	—
April	−1·7	−16·1	10·3	−32·4	14·4	−40·0	—	—	11	13	4	—	—	—	—
May	10·4	−1·1	21·7	−14·8	31·1	−29·4	—	—	14	32	5	—	—	—	—
June	18·1	6·7	27·4	−0·3	35·6	−3·9	—	—	18	27	6	—	—	—	—
July	21·4	10·1	29·6	3·2	32·8	−0·6	—	—	40	27	8	—	—	—	—
August	18·9	8·3	26·9	2·2	32·8	−0·6	—	—	46	38	10	—	—	—	—
September	10·6	2·7	20·4	−4·6	26·7	−8·9	—	—	28	30	10	—	—	—	—
October	0·7	−6·1	9·3	−18·9	17·8	−28·9	—	—	30	14	9	—	—	—	—
November	−11·9	−19·9	−0·6	−34·7	2·8	−42·2	—	—	22	9	10	—	—	—	—
December	−19·4	−27·6	−8·3	−41·5	−2·8	−46·1	—	—	24	15	10	—	—	—	—
Year	−0·9	−11·4	31·0*	−48·5*	35·6	−51·1	—	—	273	38	94	—	—	—	—
No. of Years	11	11	12	12	12	12	—	—	12	12	12	—	—	—	—

*Average of highest/lowest each year

CANADA

Tukoyaktut 69° 35′ N 133° 30′ W 164 m — Northwest Territories (Mackenzie District)

Period 1948–56 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−25·2	−33·2	−11·1	−42·9	−3·3	−47·8	—	—	11	6	5	—	—	—	—
February	−27·2	−35·2	−14·5	−43·9	10·6	−47·2	—	—	11	15	3	—	—	—	—
March	−21·6	−29·9	−9·9	−39·8	1·1	−47·2	—	—	19	20	5	—	—	—	—
April	−12·5	−21·4	−1·8	−33·6	3·9	−37·8	—	—	14	18	5	—	—	—	—
May	−2·0	−9·1	5·4	−20·4	11·1	−25·0	—	—	17	15	5	—	—	—	—
June	8·1	0·6	19·3	−5·2	24·4	−10·0	—	—	13	11	4	—	—	—	—
July	14·6	6·1	24·4	0·3	28·3	−0·6	—	—	8	9	3	—	—	—	—
August	14·0	6·9	25·1	1·6	27·8	−1·7	—	—	22	23	5	—	—	—	—
September	5·9	0·8	16·4	−5·0	19·4	− 6·7	—	—	16	13	5	—	—	—	—
October	−4·8	−9·6	3·3	−21·4	6·7	−26·7	—	—	18	13	7	—	—	—	—
November	−14·1	−21·0	−3·0	−32·2	−1·1	−41·7	—	—	15	8	7	—	—	—	—
December	−22·9	−30·2	−10·9	−38·5	−2·8	−44·4	—	—	11	8	5	—	—	—	—
Year	−7·3	−14·6	26·2*	−46·4*	28·3	−47·8	—	—	175	23	59	—	—	—	—
No. of Years	7	7	8	8	8	8	—	—	8	8	8	—	—	—	—

Wrigley 63° 12′ N 123° 25′ W 156 m — Northwest Territories (Mackenzie District)

Period 1943–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−23·4	−32·7	−9·0	−44·3	5·0	−49·4	—	—	21	18	9	—	—	—	—
February	−20·3	−29·6	−7·9	−41·1	4·4	−45·6	—	—	12	9	9	—	—	—	—
March	−9·4	−21·4	4·1	−35·9	10·6	−46·7	—	—	12	11	7	—	—	—	—
April	2·0	−10·0	13·2	−25·8	18·3	−36·1	—	—	15	12	6	—	—	—	—
May	13·2	1·2	23·2	−7·8	27·8	−13·9	—	—	25	18	8	—	—	—	—
June	20·4	7·2	29·1	−0·1	35·0	−3·9	—	—	34	28	9	—	—	—	—
July	22·8	9·6	31·2	2·0	35·0	−1·1	—	—	51	29	11	—	—	—	—
August	20·2	7·5	28·3	0·1	33·3	−4·4	—	—	46	40	10	—	—	—	—
September	12·0	2·2	22·2	−6·6	27·8	−13·3	—	—	34	27	8	—	—	—	—
October	1·8	−5·9	13·1	−16·9	21·7	−26·7	—	—	27	21	8	—	—	—	—
November	−14·0	−20·3	−1·4	−34·1	8·9	−43·3	—	—	22	17	10	—	—	—	—
December	−21·9	−29·3	−9·1	−42·3	7·8	−46·7	—	—	20	26	9	—	—	—	—
Year	0·3	−10·1	31·7*	−45·8*	35·0	−49·4	—	—	319	40	104	—	—	—	—
No. of Years	16	16	17	17	17	17	—	—	16	16	16	—	—	—	—

Yellowknife 62° 28′ N 114° 27′ W 208 m — Northwest Territories (Mackenzie District)

Period 1941–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1630							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−23·4	−32·1	−8·3	−44·4	2·8	−51·1	81	82	13	12	10	—	—	—	—
February	−20·9	−30·6	−8·9	−43·3	6·1	−51·1	85	80	12	9	10	—	—	—	—
March	−12·3	−23·5	1·1	−38·3	6·1	−43·9	87	79	13	11	9	—	—	—	—
April	−2·1	−13·1	8·9	−28·9	15·6	−38·9	86	71	10	10	6	—	—	—	—
May	9·0	−0·9	19·4	−10·6	22·8	−22·8	82	59	16	34	5	—	—	—	—
June	16·7	6·9	25·0	0·6	27·8	−2·2	77	51	16	21	5	—	—	—	—
July	20·3	11·2	27·2	5·6	30·0	0·6	81	54	36	34	9	—	—	—	—
August	18·3	10·1	25·6	3·9	30·0	1·1	88	62	34	39	10	—	—	—	—
September	10·5	4·0	18·9	−4·4	26·1	−8·3	89	71	31	26	9	—	—	—	—
October	1·7	−4·1	10·6	−15·0	17·2	−22·8	91	85	28	16	10	—	—	—	—
November	−9·9	−17·4	1·7	−32·8	7·8	−41·7	89	89	26	13	13	—	—	—	—
December	−19·2	−27·6	−7·8	−40·0	2·8	−48·3	84	83	21	11	14	—	—	—	—
Year	−0·9	−9·8	27·8*	−45·0*	30·0	−51·1	85	72	256	39	110	—	—	—	—
No. of Years	17	17	20	20	20	20	19	19	20	20	20	—	—	—	—

*Average of highest/lowest each year

CANADA

Copper Lake 45° 23′ N 61° 58′ W 97 m Nova Scotia

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·6	−10·0	10·4	−24·2	13·3	−31·7	91	80	153	109	18	—	—	—	—
February	−0·8	−10·7	9·1	−23·8	12·8	−32·2	91	76	129	61	15	—	—	—	—
March	2·0	−6·9	10·3	−17·9	15·6	−27·8	88	72	110	47	16	—	—	—	—
April	7·9	−1·9	17·1	−8·9	21·1	−14·4	84	65	96	39	14	—	—	—	—
May	14·7	2·7	25·7	−4·6	31·1	−6·7	80	60	105	66	14	—	—	—	—
June	19·7	7·5	29·2	−0·5	32·8	−2·8	81	62	76	40	12	—	—	—	—
July	23·8	12·0	30·0	4·8	32·8	0·6	86	63	82	93	11	—	—	—	—
August	23·1	11·7	29·6	3·9	34·4	1·7	89	65	93	76	12	—	—	—	—
September	19·3	7·6	27·0	−1·2	31·1	−3·3	90	65	97	63	11	—	—	—	—
October	13·5	2·7	22·2	−5·1	24·4	−7·2	85	66	96	72	12	—	—	—	—
November	7·8	−0·8	16·4	−9·5	19·4	−12·8	93	77	163	72	16	—	—	—	—
December	1·6	−7·4	11·7	−20·6	15·6	−28·3	91	81	131	57	17	—	—	—	—
Year	11·0	0·5	31·1*	−27·2*	34·4	−32·2	87	69	1331	109	168	—	—	—	—
No. of Years	16	16	16	16	16	16	16	16	16	16	16	—	—	—	—

Halifax 44° 39′ N 63° 34′ W 25 m Nova Scotia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·3	−7·2	9·4	−17·8	13·9	−25·0	86	73	140	66	15	91	31	8·9	11
February	0·7	−7·0	8·3	−17·2	12·2	−24·4	85	68	119	60	14	117	39	10·1	7
March	3·7	−3·6	12·2	−11·7	19·4	−19·4	83	63	113	57	14	144	39	11·3	7
April	8·9	0·9	17·8	−4·4	28·3	−10·6	79	62	113	72	13	162	40	12·9	6
May	14·4	5·4	24·4	0·0	30·6	−2·2	78	64	108	90	14	201	44	13·9	6
June	19·0	9·8	28·9	5·0	33·3	2·2	80	66	94	82	12	202	44	14·1	4
July	23·2	13·8	29·4	10·0	32·8	3·9	83	66	94	76	11	238	51	14·6	3
August	23·1	14·4	29·4	9·4	33·9	6·7	83	66	95	92	11	222	51	13·3	3
September	19·8	11·5	27·8	5·0	34·4	1·7	84	64	117	239	11	179	48	11·9	4
October	14·2	6·7	21·7	−0·6	27·8	−4·4	85	66	120	75	11	156	46	10·4	5
November	8·8	2·1	16·7	−6·1	23·3	−13·9	86	72	143	73	15	90	32	9·0	10
December	3·0	−4·1	11·7	−14·4	15·6	−23·3	85	73	132	75	15	87	30	8·2	9
Year	11·6	3·6	31·1*	−19·4*	34·4	−25·0	83	67	1388	239	156	1889	41	14·6	75
No. of Years	22	22	30	30	30	30	30	22	30	30	30	19	19	9	19

Sydney 46° 10′ N 60° 03′ W 60 m Nova Scotia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·7	−8·2	8·7	−17·2	14·4	−26·1	86	79	130	63	17	75	26	8·9	11
February	−1·2	−9·3	7·4	−19·2	12·8	−30·6	86	78	118	53	16	101	34	10·3	9
March	1·2	−6·0	10·1	−15·1	17·8	−23·9	83	74	112	89	16	119	33	10·5	9
April	6·6	−1·3	17·0	−7·8	27·2	−16·7	80	70	98	56	14	158	39	13·6	6
May	13·2	2·9	25·0	−2·8	31·1	−6·1	78	67	93	68	14	205	44	15·0	6
June	18·4	7·7	28·8	1·7	34·4	−3·9	79	67	89	76	12	212	45	15·4	4
July	23·7	12·9	30·5	6·6	33·3	2·8	80	65	71	63	11	259	55	15·3	2
August	22·9	13·3	30·1	6·9	36·7	3·9	82	67	103	78	11	221	51	14·2	5
September	18·9	9·6	27·3	2·7	32·2	−0·6	84	69	113	91	13	173	46	12·0	3
October	12·9	4·7	21·7	−1·6	25·6	−5·6	85	71	115	59	14	143	42	10·2	4
November	7·6	0·8	16·3	−6·1	22·2	−10·0	87	77	143	97	17	72	25	8·4	11
December	1·8	−4·8	10·8	−13·4	16·7	−23·3	85	79	128	78	19	69	26	8·1	10
Year	10·4	1·9	31·7*	−20·8*	36·7	−30·6	83	72	1313	97	174	1807	39	15·4	80
No. of Years	22	22	30	30	30	30	30	21	30	30	30	12	12	9	12

*Average of highest/lowest each year

CANADA

Sable Island 43° 56′ N 60° 02′ W 4 m Nova Scotia

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0800	Average of observations at 2000	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·5	−3·1	8·9	−10·6	12·8	−15·0	89	88	125	62	17	—	—	—	—
February	1·7	−3·7	8·3	−10·6	11·7	−16·7	89	88	114	51	16	—	—	—	—
March	2·7	−1·8	8·3	−7·2	11·7	−12·2	89	89	106	48	15	—	—	—	—
April	5·6	1·2	10·0	−2·8	12·8	−7·2	90	91	84	59	13	—	—	—	—
May	9·2	4·5	13·3	0·6	17·8	−2·2	91	93	87	63	12	—	—	—	—
June	13·3	8·3	17·8	5·0	21·1	2·2	93	95	81	69	11	—	—	—	—
July	18·3	13·1	22·2	9·4	25·0	5·6	94	96	74	72	10	—	—	—	—
August	20·2	15·5	23·3	12·2	27·8	9·4	92	94	101	107	10	—	—	—	—
September	18·6	13·7	22·2	8·9	25·0	5·0	88	89	97	70	10	—	—	—	—
October	14·0	9·1	18·3	3·3	21·7	−15·6	86	87	110	166	13	—	—	—	—
November	9·9	5·1	15·0	−1·7	18·9	−7·8	86	86	126	76	15	—	—	—	—
December	5·2	−0·1	11·7	−7·8	14·4	−16·7	87	87	133	74	16	—	—	—	—
Year	10·1	5·2	23·3*	−12·2*	27·8	−16·7	89	90	1248	166	158	—	—	—	—
No. of Years	22	22	30	30	30	30	30	30	30	30	30	—	—	—	—

Yarmouth 43° 50′ N 66° 05′ W 41 m Nova Scotia

Period 1940–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0800	Average of observations at 1400	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·8	−6·1	9·4	−15·6	12·8	−21·1	87	82	157	70	20	—	—	—	—
February	0·8	−5·9	8·3	−14·4	11·1	−21·1	86	78	118	60	16	—	—	—	—
March	3·7	−2·8	11·1	−10·6	16·1	−17·2	82	74	110	96	15	—	—	—	—
April	8·5	1·3	15·6	−3·9	20·0	−9·4	82	72	100	53	13	—	—	—	—
May	13·8	5·7	20·6	0·0	24·4	−1·7	82	72	106	72	12	—	—	—	—
June	17·4	9·3	23·9	5·0	28·3	1·7	85	76	93	78	11	—	—	—	—
July	20·7	12·7	25·6	8·9	28·3	7·2	89	79	73	65	10	—	—	—	—
August	20·7	12·7	25·6	8·3	29·4	6·1	90	77	88	101	9	—	—	—	—
September	17·9	10·1	23·9	3·3	27·8	0·6	89	75	91	103	9	—	—	—	—
October	13·4	6·3	20·0	−0·6	22·8	−3·3	87	74	107	172	10	—	—	—	—
November	8·8	2·3	15·6	−5·0	18·3	−7·8	87	78	139	111	15	—	—	—	—
December	3·4	−3·4	11·7	−12·8	16·1	−20·0	85	79	125	61	18	—	—	—	—
Year	10·8	3·5	26·7*	−16·7*	29·4	−21·1	86	76	1307	172	158	—	—	—	—
No. of Years	20	20	21	21	21	21	21	21	21	21	21	—	—	—	—

Armstrong 50° 18′ N 88° 55′ W 325 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0630	Average of observations at 1830	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·3	−27·3	−1·1	−42·8	5·0	−50·0	87	86	42	23	15	98	36	8·8	9
February	−9·6	−25·2	1·7	−41·7	8·3	−47·8	89	85	38	53	12	128	45	10·4	6
March	−2·5	−19·1	8·3	−36·1	16·1	−45·6	88	73	32	22	10	165	46	10·5	6
April	6·3	−6·9	17·8	−21·7	27·8	−36·1	86	63	43	37	9	179	43	13·8	6
May	14·1	−0·3	26·1	−9·4	34·4	−15·6	82	55	56	31	12	219	45	15·1	5
June	20·2	6·0	30·0	−2·8	40·6	−5·6	83	58	83	58	13	220	45	15·4	4
July	24·2	9·5	32·2	0·6	41·1	−2·2	86	61	91	53	13	262	53	15·2	2
August	22·2	8·5	30·6	−1·1	36·7	−4·4	92	66	80	59	13	231	51	14·4	2
September	15·4	3·8	25·6	−5·6	31·1	−8·9	93	78	87	99	13	132	35	13·0	6
October	8·6	−1·6	20·6	−13·3	27·2	−29·4	90	82	62	56	13	112	34	10·0	8
November	−2·2	−11·0	7·2	−27·8	15·0	−37·2	90	87	63	42	15	45	17	9·3	17
December	−9·3	−20·9	1·7	−39·4	7·2	−49·4	86	86	39	24	14	78	31	8·0	12
Year	6·2	−7·1	33·3*	−44·4*	41·1	−50·0	88	73	716	99	152	1869	40	15·4	83
No. of Years	22	22	29	29	29	29	21	21	28	28	28	21	21	9	21

*Average of highest/lowest each year

CANADA

Atikokan 48° 44′ N 91° 38′ W 391 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·7	−25·7	0·4	−42·3	10·0	−48·9	—	—	30	20	7	—	—	—	—
February	−5·5	−24·2	4·4	−41·6	11·7	−48·9	—	—	23	44	5	—	—	—	—
March	−1·2	−16·6	11·3	−35·1	25·6	−42·8	—	—	28	30	5	—	—	—	—
April	10·3	−5·4	21·4	−18·8	32·2	−31·7	—	—	41	65	5	—	—	—	—
May	17·6	0·7	28·3	−7·6	34·4	−12·8	—	—	53	65	7	—	—	—	—
June	22·7	6·3	30·8	−2·6	37·8	−6·1	—	—	71	76	8	—	—	—	—
July	25·8	9·1	32·9	0·9	42·2	−2·8	—	—	69	63	8	—	—	—	—
August	24·4	8·3	31·5	−0·9	35·0	−5·6	—	—	74	76	7	—	—	—	—
September	18·5	3·5	28·1	−5·7	37·2	−11·7	—	—	81	89	8	—	—	—	—
October	12·6	−1·6	22·9	−12·0	30·0	−28·9	—	—	43	93	6	—	—	—	—
November	0·7	−9·8	11·4	−25·8	21·1	−39·4	—	—	46	53	8	—	—	—	—
December	−6·0	−20·3	3·7	−38·6	11·1	−46·1	—	—	28	17	7	—	—	—	—
Year	9·4	−6·3	33·9*	−44·6*	42·2	−48·9	—	—	587	93	81	—	—	—	—
No. of Years	22	22	30	30	30	30	—	—	30	30	30	—	—	—	—

Chatham 42° 23′ N 82° 12′ W 183 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·5	−7·0	9·5	−17·5	16·1	−23·3	—	—	58	39	11	69	23	8·4	13
February	−0·2	−6·6	10·4	−17·2	17·8	−27·2	—	—	56	103	10	93	31	9·9	8
March	5·1	−2·6	16·9	−12·1	25·6	−20·6	—	—	66	42	11	126	34	11·4	6
April	12·9	3·1	24·4	−4·6	29·4	−11·1	—	—	71	43	11	158	39	12·7	4
May	19·3	8·5	29·1	0·5	33·3	−2·2	—	—	74	84	11	210	47	12·9	3
June	25·2	14·3	33·1	5·7	37·8	1·7	—	—	71	72	9	226	50	13·3	1
July	27·8	16·7	34·5	10·1	40·0	6·7	—	—	66	84	8	259	56	13·0	1
August	26·9	16·1	33·2	8·9	37·8	5·6	—	—	63	107	8	240	56	14·2	1
September	22·8	12·3	31·9	2·8	36·7	−1·1	—	—	61	50	8	183	48	11·1	2
October	16·6	7·1	26·5	−1·3	30·6	−5·0	—	—	61	73	9	157	45	10·1	5
November	7·9	1·2	19·2	−7·9	26·1	−13·9	—	—	58	50	11	86	29	8·8	9
December	1·4	−4·6	11·3	−15·1	16·7	−23·3	—	—	58	42	11	65	23	8·6	13
Year	13·8	4·9	35·4*	−19·4*	40·0	−27·2	—	—	763	107	118	1872	40	14·2	66
No. of Years	22	22	30	30	30	30	—	—	30	30	30	27	27	9	27

Delhi 42° 52′ N 80° 32′ W 233 m Ontario

Period 1934–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·3	−8·7	8·4	−21·5	18·3	−28·9	—	—	78	48	12	62	21	8·2	14
February	−0·3	−8·4	8·2	−21·3	13·9	−30·0	—	—	78	61	11	88	30	10·2	9
March	4·4	−4·4	16·8	−15·6	25·0	−24·4	—	—	79	46	13	115	31	9·8	8
April	12·7	1·3	23·3	−7·4	28·9	−15·0	—	—	91	82	12	149	37	13·6	5
May	19·2	6·6	27·7	−2·0	31·1	−6·1	—	—	85	47	12	206	45	14·3	3
June	24·5	12·8	32·0	3·8	35·0	−1·1	—	—	74	66	9	234	51	14·3	1
July	27·4	14·7	33·1	6·8	40·6	3·9	—	—	77	118	9	268	58	14·2	1
August	26·7	13·9	32·0	5·0	36·7	0·6	—	—	80	78	8	238	56	13·9	1
September	22·2	10·0	30·1	−0·2	36·1	−3·9	—	—	82	56	9	171	46	11·4	2
October	16·3	4·6	25·2	−4·5	31·7	−8·3	—	—	72	80	9	145	43	9·8	4
November	7·6	−0·6	18·6	−10·9	22·2	−18·9	—	—	77	37	11	77	27	8·6	10
December	0·9	−6·2	10·5	−19·3	18·3	−27·8	—	—	76	126	13	58	21	7·8	14
Year	13·4	2·9	34·2*	−24·2*	40·6	−30·0	—	—	949	126	128	1811	39	14·3	72
No. of Years	22	22	27	27	27	27	—	—	27	27	27	27	27	9	27

*Average of highest/lowest each year

CANADA

Earlton 47° 42′ N 79° 51′ W 245 m Ontario

Period 1939–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	-10·0	-21·9	2·5	-38·1	8·3	-45·0	91	83	53	31	17	—	—	—	—
February	-7·2	-19·4	3·3	-35·3	7·8	-43·9	90	80	41	23	15	—	—	—	—
March	-1·3	-13·4	9·7	-29·6	23·9	-37·2	89	74	42	33	12	—	—	—	—
April	7·8	-3·8	19·9	-15·0	28·9	-28·3	83	62	43	30	10	—	—	—	—
May	16·2	2·8	27·9	-5·8	31·7	-11·1	79	54	68	56	11	—	—	—	—
June	21·8	8·9	30·7	-0·3	35·6	-4·4	81	57	98	99	12	—	—	—	—
July	24·4	11·1	32·0	3·4	36·7	0·0	85	58	74	44	11	—	—	—	—
August	23·0	9·9	31·0	1·6	36·1	-1·7	90	59	76	65	11	—	—	—	—
September	17·3	5·8	28·7	-3·6	33·9	-7·2	92	64	103	78	13	—	—	—	—
October	10·7	0·5	22·3	-8·6	27·8	-13·3	91	67	67	41	12	—	—	—	—
November	1·5	-6·1	12·4	-19·4	19·4	-29·4	90	79	60	36	16	—	—	—	—
December	-5·9	-16·4	5·1	-33·7	12·8	-44·4	91	84	54	32	18	—	—	—	—
Year	8·2	-3·5	33·4*	-39·4*	36·7	-45·0	88	68	779	99	158	—	—	—	—
No. of Years	21	21	22	22	22	22	22	22	22	22	22	—	—	—	—

Fort William/Thunder Bay 48° 22′ N 89° 19′ W 196 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	-8·6	-20·1	2·0	-33·4	8·3	-41·1	87	76	55	91	13	—	—	—	—
February	-6·0	-18·8	3·9	-31·2	10·0	-40·0	89	74	35	34	10	—	—	—	—
March	-0·3	-12·4	8·6	-25·7	22·8	-36·7	85	69	42	42	10	—	—	—	—
April	8·1	-3·4	19·5	-12·5	28·3	-23·3	83	60	50	69	10	—	—	—	—
May	14·9	2·1	27·3	-4·9	32·8	-8·9	80	55	70	54	11	—	—	—	—
June	20·3	7·4	29·7	0·4	35·6	-2·8	86	61	81	49	13	—	—	—	—
July	24·2	10·6	31·7	4·7	40·0	1·7	89	60	76	65	12	—	—	—	—
August	23·1	10·3	31·0	2·7	35·6	-0·6	92	63	87	70	12	—	—	—	—
September	17·3	5·6	26·7	-2·7	30·6	-8·3	93	66	81	54	12	—	—	—	—
October	11·5	0·4	22·0	-8·1	28·3	-15·6	89	64	62	84	10	—	—	—	—
November	1·4	-6·9	11·3	-19·2	19·4	-30·0	87	73	65	53	13	—	—	—	—
December	-5·4	-15·3	4·8	-29·4	11·1	-37·2	88	77	43	43	13	—	—	—	—
Year	8·4	-3·4	32·8*	-34·8*	40·0	-41·1	87	67	747	91	139	—	—	—	—
No. of Years	22	22	30	30	30	30	30	22	30	30	30	—	—	—	—

Kapuskasing 49° 25′ N 82° 28′ W 229 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	-12·2	-23·7	0·9	-36·7	8·3	-41·7	88	82	53	50	19	72	27	8·6	13
February	-9·3	-21·7	2·1	-36·4	8·3	-41·1	88	76	46	25	15	104	37	9·9	8
March	-2·6	-15·8	8·2	-31·8	19·4	-44·2	88	69	53	45	14	135	37	10·5	7
April	6·5	-5·4	19·2	-18·7	29·4	-34·4	82	60	51	45	11	167	41	14·0	6
May	14·4	1·8	27·3	-6·7	32·8	-11·1	81	56	79	44	13	195	42	15·1	6
June	20·8	7·9	30·9	-0·7	36·1	-4·4	82	57	94	62	14	208	43	15·2	3
July	23·8	10·8	31·5	2·6	35·0	0·0	85	58	84	71	15	238	49	14·9	2
August	21·9	9·8	30·2	1·5	35·0	-1·1	90	61	84	115	13	205	46	13·7	3
September	15·9	5·4	27·5	-3·7	33·3	-6·1	93	67	89	52	15	126	33	11·2	6
October	9·2	0·4	21·7	-8·8	27·8	-15·6	91	69	69	74	15	90	27	9·7	10
November	-0·9	-7·8	11·3	-22·6	19·4	-34·4	91	82	81	89	20	44	17	8·8	16
December	-8·7	-18·3	4·1	-34·7	10·0	-41·7	89	83	56	49	19	54	21	7·5	15
Year	6·6	-4·7	32·4*	-38·6*	36·1	-41·7	87	68	839	115	183	1638	35	15·2	95
No. of Years	22	22	23	23	23	23	23	22	23	23	23	30	30	9	30

*Average of highest/lowest each year

CANADA

Kingston 44° 16′ N 76° 30′ W 91 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min	0730								
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·7	−12·7	6·7	−25·1	11·7	−31·7	81	—	71	38	15	90	31	9·5	10
February	−2·3	−11·2	6·1	−24·1	13·3	−35·0	81	—	61	25	12	114	39	10·4	7
March	2·6	−6·4	11·3	−16·9	19·4	−28·9	77	—	74	50	12	139	38	10·8	6
April	10·6	1·1	19·9	−5·8	23·9	−15·0	76	—	71	30	12	168	42	13·3	3
May	17·3	7·1	24·9	−0·5	28·9	−3·3	78	—	76	82	11	242	53	14·6	2
June	22·7	12·4	29·3	5·7	35·0	−2·2	81	—	66	71	9	253	55	14·7	1
July	26·2	15·8	31·2	10·2	35·6	6·1	81	—	79	119	10	286	61	15·4	1
August	25·8	15·1	31·1	7·8	36·1	3·9	81	—	76	62	8	268	61	14·2	1
September	20·6	10·9	27·8	1·9	31·7	−2·2	84	—	84	71	10	186	50	12·3	3
October	14·2	4·7	22·3	−3·5	25·6	−7·8	82	—	76	67	10	154	45	9·8	4
November	7·1	−0·5	16·1	−10·6	20·0	−20·0	82	—	76	49	13	88	31	9·2	8
December	−0·3	−8·4	8·9	−22·4	14·4	−34·4	81	—	84	46	14	82	30	8·6	10
Year	11·7	2·3	32·3*	−27·7*	36·1	−35·0	80	—	894	119	136	2070	45	15·4	56
No. of Years	22	22	30	30	30	30	15	—	30	30	30	23	23	9	23

Lansdowne House 52° 14′ N 87° 53′ W 256 m Ontario

Period 1941–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−16·9	−27·7	−1·8	−40·9	3·3	−47·8	83	78	27	23	12	—	—	—	—
February	−12·6	−24·8	−0·7	−38·9	8·3	−45·6	84	77	27	24	13	—	—	—	—
March	−5·0	−19·3	6·9	−34·8	12·8	−42·8	84	70	28	18	10	—	—	—	—
April	3·5	−8·7	15·7	−23·1	22·8	−31·7	84	64	40	36	11	—	—	—	—
May	11·3	0·0	24·7	−9·2	32·8	−17·2	81	61	54	34	13	—	—	—	—
June	18·4	8·0	28·3	0·1	35·0	−4·4	81	62	77	31	13	—	—	—	—
July	22·2	12·1	30·2	5·1	35·0	1·7	83	63	89	47	15	—	—	—	—
August	20·3	10·9	29·6	5·2	35·0	1·1	87	66	74	45	14	—	—	—	—
September	13·7	5·6	24·6	−1·4	29·4	−6·1	90	69	74	48	16	—	—	—	—
October	6·7	−0·3	18·1	−9·2	24·4	−15·6	88	75	58	46	13	—	—	—	—
November	−4·3	−10·7	6·1	−25·2	12·2	−33·3	87	83	42	25	16	—	—	—	—
December	−12·8	−22·0	−0·3	−37·1	6·7	−41·1	85	82	35	35	15	—	—	—	—
Year	3·7	−6·4	31·8*	−42·2*	35·0	−47·8	85	71	625	48	161	—	—	—	—
No. of Years	19	19	20	20	20	20	20	15	20	20	20	—	—	—	—

London 43° 02′ N 81° 09′ W 278 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·9	−9·4	8·0	−20·2	16·7	−28·3	88	82	80	40	18	64	22	9·2	13
February	−1·1	−8·8	7·6	−21·2	13·3	−32·8	87	78	72	58	16	91	31	10·3	8
March	3·6	−4·9	15·3	−15·3	24·4	−22·8	86	72	74	43	16	128	35	11·7	6
April	12·0	1·5	23·4	−6·1	28·9	−11·7	84	62	82	51	14	165	41	14·3	5
May	18·3	6·8	27·9	−1·2	31·7	−5·0	80	61	77	50	12	231	51	15·0	3
June	24·1	12·5	31·7	4·3	36·1	0·0	82	61	79	82	10	239	52	15·2	2
July	26·8	14·8	33·0	7·8	38·9	3·3	83	58	88	123	10	281	61	15·6	1
August	26·1	14·3	32·3	6·3	35·6	1·1	88	60	73	63	10	256	60	14·3	1
September	21·4	10·1	30·6	0·8	35·6	−2·2	90	62	84	83	11	183	49	12·5	2
October	15·2	4·2	24·6	−3·6	30·0	−6·7	90	65	73	57	11	156	46	10·9	4
November	6·8	−0·5	17·8	−10·9	24·4	−22·2	89	76	82	49	15	79	27	9·8	11
December	0·2	−6·8	9·7	−19·9	16·7	−27·2	88	81	82	43	19	62	22	9·0	13
Year	12·6	2·8	34·0*	−23·4*	38·9	−32·8	86	68	946	123	162	1935	41	15·6	69
No. of Years	22	22	30	30	30	30	30	20	30	30	30	24	24	9	24

*Average of highest/lowest each year

CANADA

Longlac 49° 45′ N 86° 30′ W 317 m — Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−11·8	−26·8	1·4	−41·3	7·8	−47·8	—	—	50	25	10	—	—	—	—
February	−8·8	−25·3	2·6	−39·9	12·8	−46·7	—	—	45	36	9	—	—	—	—
March	−1·9	−18·6	9·3	−35·0	20·0	−45·0	—	—	47	36	8	—	—	—	—
April	6·6	−7·4	18·6	−22·6	26·7	−34·4	—	—	50	52	8	—	—	—	—
May	14·5	0·5	26·4	−8·9	31·7	−15·6	—	—	68	76	10	—	—	—	—
June	20·6	6·7	29·2	−1·9	36·7	−5·6	—	—	97	81	13	—	—	—	—
July	24·3	10·2	31·4	−1·2	40·0	−1·1	—	—	72	52	11	—	—	—	—
August	22·6	9·1	30·2	−0·3	35·0	−4·4	—	—	81	58	12	—	—	—	—
September	15·8	4·3	26·4	−4·8	32·8	−7·8	—	—	85	59	14	—	—	—	—
October	9·3	−0·8	20·6	−11·8	28·9	−24·4	—	—	68	47	11	—	—	—	—
November	−1·2	−9·6	9·6	−25·2	17·2	−37·8	—	—	71	47	12	—	—	—	—
December	−8·6	−20·8	3·6	−37·5	9·4	−50·0	—	—	46	25	9	—	—	—	—
Year	6·8	−6·5	32·2*	−43·3*	40·0	−50·0	—	—	780	81	127	—	—	—	—
No. of Years	22	21	30	29	30	29	—	—	30	30	30	—	—	—	—

Moosonee 51° 16′ N 80° 39′ W 10 m — Ontario

Period 1933–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−14·3	−26·2	0·6	−39·1	7·2	−46·7	84	79	46	28	17	78	30	8·7	14
February	−11·2	−24·2	1·6	−38·6	10·6	−45·6	85	76	47	28	14	109	39	10·3	10
March	−5·1	−18·1	7·1	−34·7	15·6	−41·7	84	71	42	29	13	135	37	10·5	9
April	3·3	−7·9	16·9	−20·6	26·7	−31·1	81	65	47	35	13	160	39	14·3	8
May	11·0	0·1	25·8	−8·4	33·3	−17·2	80	64	73	37	14	188	39	15·9	8
June	18·1	5·9	30·6	−2·4	34·4	−6·1	80	61	93	54	15	181	37	16·6	6
July	22·1	9·6	31·6	1·1	35·6	−1·7	82	61	81	59	15	230	47	16·1	3
August	20·6	9·2	29·6	0·9	35·0	−1·1	88	64	81	39	15	195	44	14·2	4
September	15·3	5·2	27·2	−3·1	32·2	−6·1	89	68	85	60	16	119	32	13·4	8
October	8·5	0·2	20·3	−9·3	26·7	−16·7	87	69	74	33	16	80	25	10·0	13
November	−1·1	−8·1	9·0	−23·2	18·9	−34·4	89	81	74	40	19	42	16	9·6	18
December	−9·8	−19·5	3·2	−35·1	9·4	−42·2	87	81	56	21	20	46	19	7·8	18
Year	4·8	−6·1	32·7*	−41·0*	35·6	−46·7	85	70	799	60	187	1563	34	16·6	119
No. of Years	22	22	28	28	28	28	25	21	28	28	28	28	28	9	28

Nakina 50° 11′ N 86° 42′ W 325 m — Ontario

Period 1939–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−13·2	−24·8	0·6	−39·4	6·1	−46·1	92	84	45	25	17	—	—	—	—
February	−9·8	−22·8	−0·6	−37·8	10·0	−43·9	90	79	39	18	15	—	—	—	—
March	−2·9	−18·8	8·9	−32·8	18·9	−42·8	89	67	37	23	12	—	—	—	—
April	5·9	−6·2	18·9	−19·4	27·8	−26·7	83	57	49	43	11	—	—	—	—
May	13·4	0·5	26·7	−8·9	32·8	−15·6	82	58	66	38	13	—	—	—	—
June	19·7	6·8	29·4	−1·7	34·4	−4·4	84	57	91	61	14	—	—	—	—
July	23·3	10·2	30·6	1·7	33·9	0·0	87	58	85	53	14	—	—	—	—
August	21·4	8·9	29·4	0·0	35·0	−3·3	92	63	85	63	14	—	—	—	—
September	15·2	4·3	26·7	−5·0	30·0	−6·7	94	68	90	53	16	—	—	—	—
October	8·4	−0·9	20·6	−11·7	26·7	−16·7	92	71	65	43	15	—	—	—	—
November	−2·5	−9·7	8·9	−25·0	16·7	−38·3	92	83	70	38	19	—	—	—	—
December	−9·7	−19·9	2·2	−35·6	8·3	−46·7	91	85	49	18	18	—	—	—	—
Year	5·8	−5·9	31·7*	−41·1*	35·0	−46·7	89	69	771	63	178	—	—	—	—
No. of Years	20	20	22	22	22	22	22	22	22	22	22	—	—	—	—

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*Average of highest/lowest each year

North Bay 46° 22′ N 79° 25′ W 369 m

Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				per cent		millimetres			hours		hours	
January	−7·6	−18·0	3·9	−31·7	12·2	−41·7	90	81	65	28	16	—	—	—	—
February	−5·8	−16·1	3·9	−30·6	12·2	−41·1	89	77	56	28	15	—	—	—	—
March	−0·6	−10·9	10·0	−25·0	23·9	−36·7	86	70	61	48	13	—	—	—	—
April	8·2	−2·0	20·0	−11·7	27·2	−21·1	79	59	60	41	11	—	—	—	—
May	16·2	4·8	26·1	−3·9	30·0	−7·8	78	57	70	46	12	—	—	—	—
June	21·6	10·4	29·4	2·2	33·3	−1·7	81	61	88	63	12	—	—	—	—
July	23·9	13·0	30·6	6·7	37·2	2·8	85	61	101	76	12	—	—	—	—
August	22·9	12·2	30·0	5·0	33·3	0·6	87	62	82	97	11	—	—	—	—
September	17·5	7·6	27·8	−1·1	33·3	−4·4	91	67	112	81	13	—	—	—	—
October	11·2	2·3	21·1	−6·1	26·7	−11·1	90	68	86	63	13	—	—	—	—
November	2·4	−4·4	13·9	−16·1	19·4	−25·6	91	79	84	36	16	—	—	—	—
December	−4·9	−13·6	5·6	−29·4	13·3	−47·2	89	82	66	28	18	—	—	—	—
Year	8·8	−1·2	31·7*	−35·0*	37·2	−47·2	86	69	931	97	162	—	—	—	—
No. of Years	22	22	30	30	30	30	22	22	30	30	30	—	—	—	—

Ottawa 45° 24′ N 75° 43′ W 79 m

Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				per cent		millimetres			hours		hours	
January	−6·5	−16·0	5·2	−30·1	11·7	−37·2	85	75	62	29	13	93	33	9·1	12
February	−4·8	−14·5	4·5	−28·8	12·2	−38·3	85	74	58	45	13	110	38	10·3	8
March	1·0	−8·1	9·6	−21·6	25·6	−36·7	82	67	67	48	12	140	38	10·7	8
April	10·5	0·4	22·5	−7·7	29·4	−16·1	77	56	69	48	11	168	42	13·5	6
May	18·6	6·7	27·9	−2·1	32·2	−5·6	74	53	70	45	11	230	50	14·2	3
June	23·8	12·1	31·6	4·3	35·6	0·6	77	56	78	77	11	250	54	14·8	1
July	26·7	14·4	32·8	7·5	37·2	3·3	80	53	82	72	11	281	60	14·6	1
August	25·7	13·5	32·6	5·4	37·8	1·7	83	54	83	90	10	254	59	13·8	2
September	20·1	8·9	29·5	−0·5	36·7	−6·1	88	59	82	93	11	173	46	12·5	3
October	13·5	3·2	23·9	−5·6	27·2	−12·8	86	62	67	51	11	135	40	10·0	6
November	5·0	−2·2	16·3	−14·1	21·7	−23·3	86	70	69	37	13	78	27	8·9	11
December	−3·6	−11·6	7·1	−27·8	16·1	−38·9	86	75	78	35	14	77	29	8·8	13
Year	10·8	0·6	33·8*	−33·2*	37·8	−38·9	82	63	865	93	141	1989	43	14·8	74
No. of Years	22	22	30	30	30	30	30	22	30	30	30	30	30	9	30

Pagwa 50° 02′ N 85° 16′ W 189 m

Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				per cent		millimetres			hours		hours	
January	−12·4	−24·7	0·6	−38·1	8·9	−46·7	88	82	52	22	17	—	—	—	—
February	−8·9	−22·3	2·9	−38·1	11·1	−44·4	88	79	50	28	14	—	—	—	—
March	−2·3	−16·6	10·1	−33·3	18·9	−38·9	88	67	48	37	12	—	—	—	—
April	6·7	−6·3	19·8	−21·2	29·4	−32·2	81	57	57	53	11	—	—	—	—
May	14·2	0·7	27·3	−7·9	32·8	−12·2	79	55	75	42	13	—	—	—	—
June	20·8	7·1	30·9	−1·9	37·2	−5·6	80	56	91	80	13	—	—	—	—
July	24·3	10·4	32·1	1·0	36·7	−1·1	82	56	89	63	13	—	—	—	—
August	22·3	9·4	31·1	−0·3	39·4	−4·4	88	60	74	52	12	—	—	—	—
September	15·9	4·8	27·8	−5·2	32·2	−8·3	92	66	84	77	14	—	—	—	—
October	9·1	−0·5	21·5	−11·0	27·8	−20·6	90	69	66	37	14	—	—	—	—
November	−1·3	−8·9	10·4	−24·3	16·1	−40·0	91	80	82	81	17	—	—	—	—
December	−8·9	−16·1	4·0	−34·7	10·6	−45·6	89	83	61	51	17	—	—	—	—
Year	6·6	−5·3	33·3*	−40·2*	39·4	−46·7	86	67	829	81	167	—	—	—	—
No. of Years	21	21	27	27	27	27	23	22	27	27	27	—	—	—	—

*Average of highest/lowest each year

CANADA

Pickle Lake 51° 28′ N 90° 15′ W 369 m Ontario

Period 1933–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−15·3	−26·2	−2·3	−40·6	6·1	−46·7	85	81	37	25	12	—	—	—	—
February	−11·6	−24·2	−0·8	−38·3	6·7	−51·1	85	78	29	30	11	—	—	—	—
March	−3·0	−17·3	7·8	−32·9	14·4	−41·7	87	64	30	19	9	—	—	—	—
April	4·6	−7·6	17·0	−20·5	25·0	−32·8	83	67	34	21	10	—	—	—	—
May	13·3	0·3	27·3	−9·8	32·2	−17·8	80	57	59	48	11	—	—	—	—
June	19·4	6·8	29·1	−2·1	36·1	−6·7	78	58	83	60	13	—	—	—	—
July	23·6	11·0	31·4	3·1	36·1	0·0	80	57	101	89	14	—	—	—	—
August	21·6	9·4	30·6	1·3	36·7	−2·8	85	63	85	51	14	—	—	—	—
September	15·6	4·6	25·8	−4·6	32·2	−9·4	89	70	82	74	12	—	—	—	—
October	7·4	−1·2	19·9	−10·9	26·7	−18·9	89	70	57	42	12	—	—	—	—
November	−4·3	−11·4	5·9	−27·9	12·8	−35·6	87	82	47	24	14	—	—	—	—
December	−12·8	−21·4	−0·2	−37·7	6·7	−47·8	85	86	38	24	12	—	—	—	—
Year	4·9	−6·4	32·8*	−42·1*	36·7	−51·1	84	69	682	89	144	—	—	—	—
No. of Years	16	16	20	20	20	20	13	13	21	21	21	—	—	—	—

Porquis Junction 48° 44′ N 80° 48′ W 308 m Ontario

Period 1938–55 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·2	−23·1	1·1	−36·7	7·2	−42·2	92	87	60	23	20	—	—	—	—
February	−8·7	−20·4	2·2	−35·0	10·0	−40·6	92	85	54	23	17	—	—	—	—
March	−2·7	−14·6	8·3	−30·0	20·0	−38·3	91	78	59	43	16	—	—	—	—
April	6·1	−5·6	20·0	−17·8	28·9	−27·2	85	63	47	25	12	—	—	—	—
May	14·7	1·9	28·3	−7·2	33·9	−12·2	80	54	78	63	13	—	—	—	—
June	21·1	7·9	31·1	−1·7	34·4	−10·6	80	54	96	48	14	—	—	—	—
July	23·8	11·0	32·2	3·3	34·4	0·0	83	54	89	63	13	—	—	—	—
August	22·1	9·8	30·6	2·2	36·7	0·0	89	58	93	38	13	—	—	—	—
September	16·0	5·2	28·9	−3·9	32·8	−6·7	93	65	97	48	15	—	—	—	—
October	9·4	0·1	21·7	−9·4	27·2	−15·6	90	68	69	48	15	—	—	—	—
November	−0·4	−7·6	11·7	−20·0	18·9	−27·8	93	82	64	25	19	—	—	—	—
December	−8·1	−17·4	3·9	−33·3	10·6	−41·1	93	89	62	23	21	—	—	—	—
Year	6·8	−4·4	33·3*	−37·8*	36·7	−42·2	89	70	868	63	188	—	—	—	—
No. of Years	16	16	17	17	17	17	15	15	17	17	17	—	—	—	—

Ramsay 46° 58′ N 82° 21′ W 426 m Ontario

Period 1950–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·2	−20·5	0·3	−36·1	4·4	−40·0	—	—	44	30	10	—	—	—	—
February	−6·8	−18·2	5·0	−31·1	11·7	−37·8	—	—	38	20	9	—	—	—	—
March	−2·1	−14·8	8·8	−29·1	14·4	−40·0	—	—	50	25	9	—	—	—	—
April	8·1	−3·1	19·6	−16·7	24·4	−27·8	—	—	41	25	9	—	—	—	—
May	15·6	3·8	26·3	−6·1	26·7	−7·8	—	—	63	42	9	—	—	—	—
June	20·6	9·2	28·6	0·6	33·3	−2·2	—	—	81	35	12	—	—	—	—
July	23·4	11·5	29·4	3·6	33·3	2·2	—	—	83	62	10	—	—	—	—
August	22·5	10·3	29·7	2·5	39·4	0·0	—	—	75	37	10	—	—	—	—
September	16·0	6·4	26·9	−3·3	31·1	−5·6	—	—	84	74	13	—	—	—	—
October	10·1	1·1	21·4	−7·5	24·4	−11·1	—	—	60	39	10	—	—	—	—
November	1·7	−4·8	12·2	−18·0	16·7	−25·6	—	—	61	46	12	—	—	—	—
December	−6·9	−16·5	4·1	−34·4	7·8	−37·8	—	—	39	13	10	—	—	—	—
Year	7·7	−3·0	32·4*	−39·1*	39·4	−40·0	—	—	719	74	123	—	—	—	—
No. of Years	7	7	8	8	8	8	—	—	11	11	11	—	—	—	—

*Average of highest/lowest each year

CANADA

Red Lake 51° 04′ N 93° 49′ W 376 m Ontario

Period 1933−60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·8	−25·0	−1·6	−39·9	4·4	−45·6	—	—	31	25	7	—	—	—	—
February	−10·3	−22·2	0·3	−36·0	8·9	−44·4	—	—	24	33	6	—	—	—	—
March	−2·9	−16·7	9·2	−33·0	17·2	−37·8	—	—	22	23	5	—	—	—	—
April	7·8	−4·6	19·5	−17·3	30·6	−22·8	—	—	28	43	5	—	—	—	—
May	15·3	3·2	27·8	−5·9	31·7	−11·7	—	—	42	27	8	—	—	—	—
June	20·8	8·6	30·3	1·7	37·2	−2·2	—	—	78	61	11	—	—	—	—
July	24·7	12·7	31·8	5·8	35·6	−0·6	—	—	78	110	10	—	—	—	—
August	23·3	11·5	30·7	4·8	36·1	0·6	—	—	65	53	9	—	—	—	—
September	16·3	6·3	26·9	−2·1	32·2	−7·2	—	—	68	34	10	—	—	—	—
October	8·7	0·2	21·3	−7·9	27·2	−13·9	—	—	38	39	8	—	—	—	—
November	−2·9	−9·1	7·5	−23·6	14·4	−31·7	—	—	36	22	8	—	—	—	—
December	−11·1	−19·7	1·2	−35·9	8·9	−43·9	—	—	28	23	7	—	—	—	—
Year	6·3	−4·6	33·1*	−40·1*	37·2	−45·6	—	—	538	110	94	—	—	—	—
No. of Years	16	16	19	19	19	19	—	—	16	16	16	—	—	—	—

Sault Ste Marie 46° 32′ N 84° 20′ W 212 m Ontario

Period 1943−60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·7	−14·4	3·6	−27·9	7·2	−35·0	—	—	88	33	14	—	—	—	—
February	−4·5	−14·4	4·6	−27·6	7·8	−36·7	—	—	81	39	12	—	—	—	—
March	0·7	−9·6	9·1	−24·6	21·1	−33·9	—	—	65	33	10	—	—	—	—
April	7·9	−2·2	18·5	−10·8	26·1	−20·0	—	—	73	53	11	—	—	—	—
May	15·1	2·6	24·9	−5·1	29·4	−8·9	—	—	74	55	11	—	—	—	—
June	20·9	7·6	29·3	−0·4	33·3	−5·6	—	—	96	59	12	—	—	—	—
July	24·1	10·8	30·5	3·6	33·9	0·0	—	—	69	44	10	—	—	—	—
August	23·4	10·8	31·0	2·2	36·1	−3·3	—	—	78	60	10	—	—	—	—
September	18·3	6·7	28·6	−2·5	33·3	−8·3	—	—	112	57	14	—	—	—	—
October	12·7	2·4	22·3	−5·5	26·7	−10·0	—	—	80	57	11	—	—	—	—
November	4·3	−2·8	14·9	−15·6	21·7	−25·0	—	—	104	41	15	—	—	—	—
December	−2·9	−11·1	6·1	−27·3	12·2	−36·7	—	—	96	38	12	—	—	—	—
Year	9·6	−1·1	31·9*	−31·4*	36·1	−36·7	—	—	1016	60	142	—	—	—	—
No. of Years	16	16	17	17	17	17	—	—	17	17	17	—	—	—	—

Sioux Lookout 50° 07′ N 91° 54′ W 374 m Ontario

Period 1931−60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·1	−23·2	−1·1	−38·3	6·7	−43·3	89	83	39	33	15	—	—	—	—
February	−9·5	−21·2	1·7	−35·6	10·6	−45·6	90	77	31	23	12	—	—	—	—
March	−1·9	−14·3	9·4	−30·6	18·9	−37·8	86	63	36	38	11	—	—	—	—
April	7·1	−4·2	19·4	−17·2	30·6	−30·6	81	56	42	28	10	—	—	—	—
May	14·9	2·9	27·2	−5·6	31·1	−12·2	81	52	62	41	12	—	—	—	—
June	20·5	9·1	30·0	1·1	39·4	−2·8	84	56	91	79	14	—	—	—	—
July	24·4	12·8	32·2	5·6	39·4	1·7	87	57	88	56	13	—	—	—	—
August	22·7	11·9	30·6	3·9	35·6	−0·6	91	61	76	46	13	—	—	—	—
September	15·9	6·6	26·1	−1·7	31·7	−5·0	91	67	90	117	15	—	—	—	—
October	9·3	1·1	21·1	−8·9	25·6	−17·8	88	67	61	61	13	—	—	—	—
November	−2·3	−8·4	8·3	−22·8	15·6	−33·3	89	81	59	41	16	—	—	—	—
December	−9·7	−18·6	1·7	−35·0	8·9	−41·7	89	85	35	23	14	—	—	—	—
Year	6·5	−3·8	33·3*	−39·4*	39·4	−45·6	87	67	710	117	158	—	—	—	—
No. of Years	22	22	30	30	30	30	20	20	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Smithfield 44° 05′ N 77° 40′ W 104 m Ontario

Period 1950–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·7	−11·2	6·9	−24·3	12·2	−31·1	—	—	79	46	10	—	—	—	—
February	−1·4	−10·2	7·1	−23·3	12·8	−29·4	—	—	84	38	9	—	—	—	—
March	2·2	−6·1	11·0	−16·4	16·1	−27·2	—	—	89	48	9	—	—	—	—
April	11·6	1·2	20·5	−7·1	24·4	−16·7	—	—	97	47	11	—	—	—	—
May	17·7	6·3	25·1	−1·9	27·2	−6·1	—	—	86	41	10	—	—	—	—
June	22·9	11·7	30·1	4·4	32·8	2·2	—	—	61	40	8	—	—	—	—
July	26·1	14·2	30·8	8·6	33·9	7·2	—	—	63	69	8	—	—	—	—
August	25·2	13·6	30·6	6·3	36·1	4·4	—	—	86	58	8	—	—	—	—
September	20·3	9·2	28·9	−0·1	34·4	−2·2	—	—	71	41	8	—	—	—	—
October	14·4	3·7	23·1	−4·8	25·6	−6·7	—	—	84	75	9	—	—	—	—
November	6·7	−1·2	16·9	−11·7	22·2	−17·8	—	—	81	39	10	—	—	—	—
December	−0·4	−8·7	8·9	−22·5	13·3	−31·7	—	—	84	36	9	—	—	—	—
Year	11·9	1·9	32·0*	−26·8*	36·1	−31·7	—	—	965	69	109	—	—	—	—
No. of Years	10	10	11	11	11	11	—	—	11	11	11	—	—	—	—

Smokey Falls 46° 27′ N 79° 55′ W 227 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·7	−14·3	4·1	−37·9	12·2	−46·1	—	—	63	39	15	—	—	—	—
February	−4·1	−16·1	5·1	−37·0	11·1	−48·9	—	—	53	34	13	—	—	—	—
March	0·3	−15·0	11·1	−31·2	25·0	−45·6	—	—	61	37	12	—	—	—	—
April	9·9	−2·8	21·2	−13·6	28·3	−25·6	—	—	61	40	10	—	—	—	—
May	17·9	3·6	27·2	−4·8	30·0	−10·0	—	—	69	32	12	—	—	—	—
June	22·7	9·3	30·4	0·1	33·3	−3·3	—	—	81	56	11	—	—	—	—
July	25·2	11·3	31·4	4·1	37·8	1·7	—	—	89	97	11	—	—	—	—
August	24·0	9·6	31·1	1·3	36·7	−1·7	—	—	86	56	11	—	—	—	—
September	18·4	5·5	28·3	−3·7	34·4	−6·7	—	—	102	71	13	—	—	—	—
October	11·9	0·6	21·8	−8·5	26·7	−14·4	—	—	86	53	13	—	—	—	—
November	3·5	−5·1	14·4	−18·5	19·4	−32·8	—	—	84	51	14	—	—	—	—
December	−3·6	−14·7	6·0	−33·9	13·3	−49·4	—	—	61	46	15	—	—	—	—
Year	9·9	−2·3	32·7*	−41·3*	37·8	−49·4	—	—	896	97	150	—	—	—	—
No. of Years	15	15	30	30	30	30	—	—	30	30	30	—	—	—	—

Toronto 43° 40′ N 79° 24′ W 116 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·8	−7·7	8·0	−18·3	15·6	−25·0	79	71	66	52	15	77	27	8·3	11
February	−0·1	−6·9	8·1	−18·7	13·9	−29·4	78	67	58	33	13	105	36	9·7	8
March	3·9	−3·2	13·4	−12·9	26·7	−20·6	76	62	66	34	13	139	38	10·6	6
April	11·8	3·3	22·8	−3·6	29·4	−11·7	71	55	66	21	12	170	42	12·7	5
May	18·2	8·6	28·4	1·4	33·3	−3·9	71	55	71	52	12	220	48	13·6	3
June	24·2	14·1	32·1	7·4	35·0	2·8	73	55	63	63	9	257	56	14·2	1
July	27·2	16·8	33·3	11·1	41·1	6·7	74	54	74	65	9	287	62	13·9	1
August	26·3	16·4	33·2	10·1	38·3	7·2	79	56	61	82	9	258	60	13·4	1
September	21·6	12·2	30·6	4·0	37·8	1·1	84	59	66	53	10	198	53	12·2	2
October	14·7	7·2	24·4	−0·6	27·8	−5·0	84	61	58	87	10	154	45	10·3	4
November	7·4	1·8	17·4	−7·4	23·9	−16·1	78	67	63	51	13	85	30	9·3	8
December	1·1	−4·4	10·3	−17·4	15·0	−30·0	80	71	61	48	14	74	27	7·9	11
Year	13·0	4·9	34·7*	−21·6*	41·1	−30·0	77	61	773	87	139	2024	44	14·2	61
No. of Years	22	22	30	30	30	30	30	22	30	30	30	30	30	9	30

*Average of highest/lowest each year

Trout Lake 53° 50′ N 89° 52′ W 219 m Ontario

Period 1939–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−18·8	−29·4	−4·4	−41·7	1·7	−47·8	81	81	25	28	12	—	—	—	—
February	−15·4	−26·7	−3·3	−40·6	5·0	−46·7	85	81	21	15	11	—	—	—	—
March	−7·9	−20·1	5·0	−36·7	11·7	−42·2	86	76	17	13	9	—	—	—	—
April	1·7	−10·6	12·8	−25·0	21·1	−32·2	86	71	26	33	9	—	—	—	—
May	9·4	−1·9	22·2	−11·7	30·0	−20·6	85	65	47	25	11	—	—	—	—
June	16·4	5·8	26·1	−2·2	31·7	−7·2	84	65	75	48	13	—	—	—	—
July	21·0	11·0	28·9	3·9	35·6	0·0	85	66	100	76	15	—	—	—	—
August	19·2	10·2	27·8	2·8	30·0	−1·1	89	70	92	84	14	—	—	—	—
September	12·6	5·1	22·8	−2·8	28·9	−7·8	89	74	75	63	14	—	—	—	—
October	5·0	−1·4	15·0	−11·1	20·0	−18·9	90	78	53	33	13	—	—	—	—
November	−5·8	−12·1	4·4	−26·1	10·0	−33·9	90	86	47	30	16	—	—	—	—
December	−14·8	−23·6	−0·6	−37·2	5·6	−44·4	85	83	33	18	15	—	—	—	—
Year	1·9	−7·8	29·4*	−43·3*	35·6	−47·8	86	75	611	84	152	—	—	—	—
No. of Years	21	21	22	22	22	22	15	15	22	22	22	—	—	—	—

Turbine 46° 23′ N 81° 34′ W 209 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−5·6	−18·3	4·7	−33·6	8·9	−41·1	—	—	52	39	13	67	24	7·8	15
February	−3·4	−16·6	5·0	−32·6	8·9	−41·7	—	—	45	51	11	96	33	9·2	10
March	1·9	−11·2	10·9	−26·2	23·9	−36·7	—	—	57	52	11	136	37	11·0	9
April	10·9	−2·7	22·3	−11·8	30·0	−22·8	—	—	59	35	10	180	44	13·6	6
May	18·9	3·3	28·2	−4·4	32·2	−6·7	—	—	70	51	10	222	48	14·5	5
June	24·2	8·9	31·5	0·6	35·0	−3·3	—	—	82	86	10	234	50	14·8	4
July	27·1	11·0	33·4	4·5	38·3	1·7	—	—	64	79	9	278	59	14·8	3
August	25·7	10·3	32·1	2·3	37·2	0·0	—	—	69	69	9	239	55	13·9	3
September	19·6	5·9	28·8	−2·7	35·0	−5·6	—	—	102	66	13	151	40	11·8	6
October	13·3	1·1	22·2	−7·1	26·7	−13·9	—	—	81	52	11	118	35	9·5	9
November	4·2	−4·3	14·2	−17·2	19·4	−28·3	—	—	87	47	14	57	20	8·3	15
December	−2·8	−13·1	6·3	−29·9	11·7	−43·9	—	—	53	33	13	56	21	7·0	16
Year	11·2	−2·1	34·1*	−35·9*	38·3	−43·9	—	—	821	86	134	1834	39	14·8	101
No. of Years	22	22	30	30	30	30	—	—	30	30	30	30	30	9	30

White River 48° 35′ N 85° 17′ W 379 m Ontario

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−9·7	−24·7	1·4	−42·2	7·8	−51·7	93	82	60	76	16	—	—	—	—
February	−7·3	−22·5	2·8	−41·2	9·4	−47·2	91	74	49	76	15	—	—	—	—
March	−1·2	−17·3	8·8	−36·2	23·9	−45·6	90	67	52	29	13	—	—	—	—
April	7·2	−6·6	19·8	−21·5	27·2	−35·0	86	58	63	46	12	—	—	—	—
May	15·1	0·6	26·8	−8·1	30·6	−12·2	79	53	66	43	13	—	—	—	—
June	20·8	6·2	29·8	−2·4	38·3	−5·0	82	57	79	42	13	—	—	—	—
July	24·0	8·2	31·7	−0·1	37·8	−1·7	89	57	72	76	12	—	—	—	—
August	22·6	7·5	30·3	−1·6	36·1	−4·4	92	60	74	74	13	—	—	—	—
September	16·1	3·8	26·6	−5·8	32·8	−10·0	90	67	94	92	15	—	—	—	—
October	9·8	−1·3	20·9	−12·5	27·8	−21·1	93	67	70	47	14	—	—	—	—
November	−0·2	−8·8	10·9	−25·7	19·4	−38·9	92	79	82	56	18	—	—	—	—
December	−6·7	−18·8	4·1	−38·3	10·6	−48·3	92	83	58	31	17	—	—	—	—
Year	7·5	−6·1	32·7*	−44·2*	38·3	−51·7	89	67	819	92	173	—	—	—	—
No. of Years	22	22	30	30	30	30	29	21	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Winisk 55° 14′ N 85° 07′ W 13 m — Ontario

Period 1958–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−20·8	−29·8	−6·1	−41·7	0·0	−45·0	78	75	33	20	13	—	—	—	—
February	−19·1	−30·0	−4·5	−39·4	1·1	−43·3	76	73	17	15	8	—	—	—	—
March	−13·3	−25·9	0·6	−36·3	5·6	−40·0	79	75	18	26	9	—	—	—	—
April	−3·8	−14·6	7·6	−29·2	11·7	−31·1	82	78	42	34	13	—	—	—	—
May	5·4	−3·3	20·2	−12·8	26·7	−17·8	85	78	57	50	14	—	—	—	—
June	13·0	1·4	29·6	−3·7	34·4	−5·6	85	71	76	72	12	—	—	—	—
July	18·1	5·5	30·7	−0·4	32·8	−3·9	88	70	65	25	12	—	—	—	—
August	15·9	5·4	27·1	−0·8	28·9	−2·2	93	74	65	59	12	—	—	—	—
September	11·4	2·7	24·1	−2·6	27·8	−5·0	91	72	68	48	16	—	—	—	—
October	4·6	−1·9	16·2	−10·6	23·3	−14·4	90	79	52	23	17	—	—	—	—
November	−4·7	−12·1	4·3	−27·5	6·7	−31·7	85	83	49	19	17	—	—	—	—
December	−15·5	−24·1	−0·8	−35·0	3·9	−38·9	78	77	30	13	14	—	—	—	—
Year	−0·7	−10·6	31·8*	−42·9*	34·4	−45·0	84	75	572	72	157	—	—	—	—
No. of Years	7	7	7	7	7	7	8	8	7	7	7	—	—	—	—

Alliston 46° 01′ N 62° 35′ W 11 m — Prince Edward Island

Period 1939–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−2·2	−9·9	8·3	−20·9	12·8	−25·6	—	—	74	35	11	—	—	—	—
February	−1·6	−9·9	7·7	−20·9	12·8	−26·7	—	—	63	30	9	—	—	—	—
March	1·4	−6·2	10·2	−15·9	17·8	−25·0	—	—	61	30	10	—	—	—	—
April	7·7	−1·0	17·8	−6·9	26·1	−11·7	—	—	63	33	10	—	—	—	—
May	14·5	3·8	25·4	−3·1	27·8	−6·7	—	—	66	54	12	—	—	—	—
June	19·9	8·7	29·4	1·6	32·8	−3·9	—	—	63	42	12	—	—	—	—
July	24·6	13·6	30·1	7·7	33·9	5·0	—	—	58	63	10	—	—	—	—
August	23·6	13·4	29·7	7·5	36·1	4·4	—	—	79	82	11	—	—	—	—
September	19·7	9·9	27·4	2·8	31·7	−0·6	—	—	79	78	11	—	—	—	—
October	13·3	4·7	21·2	−2·3	23·9	−5·0	—	—	63	47	12	—	—	—	—
November	6·9	0·3	16·7	−7·8	21·1	−12·8	—	—	86	50	14	—	—	—	—
December	0·5	−6·3	10·2	−16·8	17·8	−23·9	—	—	63	42	10	—	—	—	—
Year	10·7	1·8	33·5*	−22·7*	36·1	−26·7	—	—	818	82	132	—	—	—	—
No. of Years	21	21	21	21	21	21	—	—	21	21	21	—	—	—	—

Charlottetown 46° 14′ N 63° 07′ W 23 m — Prince Edward Island

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−2·7	−10·6	7·5	−21·3	11·7	−28·3	83	80	104	64	15	82	29	8·8	12
February	−2·3	−10·5	7·0	−21·3	11·7	−29·4	83	78	86	49	13	105	36	10·1	10
March	0·6	−5·6	9·1	−16·2	15·6	−27·2	81	74	81	36	12	135	37	12·1	10
April	7·1	−0·1	17·4	−6·6	26·7	−10·6	79	68	74	41	12	156	39	13·3	9
May	13·7	5·2	24·3	−1·6	30·6	−3·9	75	64	79	51	13	203	44	14·4	7
June	19·1	10·5	28·0	3·3	31·1	0·6	79	66	74	50	13	213	45	14·5	6
July	23·6	15·3	29·1	9·3	33·3	5·6	80	65	79	54	11	252	53	14·5	3
August	22·8	14·8	29·3	8·2	36·7	5·0	80	65	86	84	11	228	52	13·7	3
September	18·7	11·0	26·6	3·5	31·1	0·0	81	66	99	164	12	178	47	12·2	5
October	12·6	5·8	20·9	−1·9	23·9	−5·0	82	68	99	63	14	135	40	10·4	7
November	6·5	0·9	15·8	−7·7	19·4	−15·0	82	76	112	59	15	72	25	9·2	13
December	−0·2	−6·1	9·7	−17·1	16·1	−27·8	82	78	104	100	15	62	23	7·7	14
Year	10·0	2·5	30·4*	−23·4*	36·7	−29·4	81	71	1077	164	156	152	39	14·5	99
No. of Years	22	22	30	30	30	30	30	20	30	30	30	30	30	9	30

*Average of highest/lowest each year

CANADA

Summerside 46° 24′ N 63° 47′ W 5 m — Prince Edward Island

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0900	Average of observations at 1500	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·5	−11·8	6·4	−22·6	12·8	−27·8	89	84	77	42	9	—	—	—	—
February	−3·3	−10·7	6·1	−21·2	10·0	−27·2	90	83	73	48	8	—	—	—	—
March	0·2	−6·4	8·7	−16·9	13·9	−28·9	87	79	66	51	8	—	—	—	—
April	6·8	−1·1	15·8	−7·3	23·9	−11·7	82	70	72	45	10	—	—	—	—
May	13·4	4·9	23·0	−1·8	28·3	−3·9	77	65	81	51	12	—	—	—	—
June	19·0	9·8	27·1	2·9	29·4	−0·6	80	66	80	45	11	—	—	—	—
July	23·6	14·6	28·3	8·8	30·6	5·0	76	62	77	48	9	—	—	—	—
August	22·7	13·9	28·3	7·8	32·2	5·0	81	64	79	82	9	—	—	—	—
September	18·8	10·2	26·3	2·6	30·6	−0·6	82	63	90	119	9	—	—	—	—
October	12·5	4·8	20·2	−3·1	22·8	−6·7	83	65	94	65	11	—	—	—	—
November	6·3	−0·1	15·0	−8·5	19·4	−14·4	86	76	103	57	11	—	—	—	—
December	−0·4	−7·4	9·1	−17·8	15·0	−25·6	87	83	86	47	10	—	—	—	—
Year	9·7	1·7	29·5*	−23·8*	32·2	−28·9	83	72	978	119	117	—	—	—	—
No. of Years	22	22	25	25	25	25	11	11	25	25	25	—	—	—	—

Albanel 48° 53′ N 72° 27′ W 127 m — Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·9	−21·7	2·8	−35·9	9·4	−42·8	—	—	44	36	8	94	35	9·3	12
February	−8·8	−19·9	2·6	−33·8	7·8	−43·3	—	—	38	30	6	118	41	11·0	8
March	−1·6	−13·2	7·9	−27·4	13·3	−37·2	—	—	45	33	7	154	42	11·7	7
April	6·3	−3·7	17·1	−13·4	25·0	−21·1	—	—	47	32	8	176	43	14·0	7
May	15·8	2·9	27·3	−4·8	32·2	−10·0	—	—	60	36	10	214	45	15·6	6
June	21·6	8·8	30·7	0·8	34·4	−2·2	—	—	92	55	12	219	46	16·0	4
July	24·1	11·8	31·7	5·0	35·6	2·8	—	—	104	55	13	241	50	15·6	3
August	22·5	10·1	29·9	2·7	35·0	−1·1	—	—	87	43	11	221	50	14·3	2
September	17·1	5·8	27·7	−2·5	32·8	−6·7	—	—	94	49	11	146	39	12·9	5
October	9·9	0·8	20·8	−7·2	26·1	−11·1	—	—	66	51	10	105	31	10·8	9
November	1·2	−5·5	11·0	−18·2	19·4	−30·0	—	—	57	30	10	62	23	9·5	14
December	−7·7	−16·1	3·5	−31·8	10·0	−43·3	—	—	51	51	8	68	27	8·1	14
Year	7·4	−3·3	32·8*	−37·7*	35·6	−43·3	—	—	785	55	114	1818	39	16·0	91
No. of Years	22	22	30	30	30	30	—	—	30	30	30	30	30	9	30

Bagotville 48° 22′ N 71° 00′ W 163 m — Quebec

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0730	Average of observations at 1330	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·7	−21·3	3·2	−34·6	12·8	−40·6	86	81	72	46	17	—	—	—	—
February	−6·6	−17·6	5·1	−31·1	12·8	−43·3	84	78	68	32	15	—	—	—	—
March	−0·9	−11·7	7·9	−25·7	16·7	−32·2	83	73	59	36	12	—	—	—	—
April	6·9	−3·3	17·8	−12·1	25·0	−24·4	78	60	58	31	12	—	—	—	—
May	15·9	3·2	28·7	−4·3	33·3	−9·4	74	52	72	31	13	—	—	—	—
June	21·0	9·3	31·6	0·8	34·4	−2·2	77	54	112	72	14	—	—	—	—
July	24·1	12·2	32·6	5·4	35·6	3·9	80	59	106	43	15	—	—	—	—
August	22·6	11·2	30·3	4·3	35·0	1·7	84	60	90	48	15	—	—	—	—
September	17·2	6·9	28·9	−1·9	33·3	−6·7	86	64	94	70	14	—	—	—	—
October	10·5	1·3	21·7	−7·0	28·3	−10·0	86	64	63	39	13	—	—	—	—
November	1·8	−4·9	12·7	−15·2	20·6	−22·8	87	78	81	30	17	—	—	—	—
December	−6·9	−15·9	4·8	−29·9	14·4	−35·0	86	82	85	44	18	—	—	—	—
Year	7·9	−2·5	33·4*	−37·2*	35·6	−43·3	83	67	960	72	175	—	—	—	—
No. of Years	18	18	19	19	19	19	19	19	19	19	19	—	—	—	—

*Average of highest/lowest each year

CANADA

Cabonga Dam 47° 18′ N 76° 28′ W 373 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−9·6	−20·9	2·8	−35·9	12·2	−43·9	—	—	62	27	16	—	—	—	—
February	−7·1	−18·9	3·3	−33·9	10·6	−42·2	—	—	57	22	13	—	—	—	—
March	−0·8	−13·1	9·8	−28·7	21·7	−38·3	—	—	61	36	13	—	—	—	—
April	7·4	−4·1	19·0	−15·9	24·4	−26·1	—	—	60	41	12	—	—	—	—
May	15·8	2·6	26·6	−6·3	30·0	−10·6	—	—	67	41	13	—	—	—	—
June	21·0	8·4	29·7	−1·3	34·4	−3·9	—	—	89	53	13	—	—	—	—
July	23·5	10·9	30·6	2·6	37·2	0·0	—	—	106	98	13	—	—	—	—
August	22·2	9·9	29·7	0·7	36·1	−2·2	—	—	94	82	13	—	—	—	—
September	16·6	5·8	26·6	−3·5	31·1	−7·2	—	—	116	79	14	—	—	—	—
October	10·0	0·8	20·9	−8·2	29·4	−13·9	—	—	79	42	14	—	—	—	—
November	1·7	−5·1	12·9	−17·4	19·4	−26·1	—	—	77	29	17	—	—	—	—
December	−6·8	−14·9	4·2	−32·1	12·2	−44·4	—	—	70	28	16	—	—	—	—
Year	7·8	−3·2	31·8*	−37·3*	37·2	−44·4	—	—	938	98	167	—	—	—	—
No. of Years	22	22	30	30	30	30	—	—	30	30	30	—	—	—	—

Cape Hopes Advance 61° 05′ N 69° 33′ W 73 m Quebec

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−18·7	−25·1	−5·8	−33·9	3·3	−41·1	87	86	20	23	9	—	—	—	—
February	−18·5	−24·9	−8·0	−35·6	0·6	−40·6	85	86	12	33	7	—	—	—	—
March	−13·8	−20·3	−3·8	−29·7	1·7	−36·7	86	87	14	15	7	—	—	—	—
April	−7·9	−14·3	0·1	−22·7	10·0	−29·4	91	89	13	11	7	—	—	—	—
May	−0·4	−5·8	6·4	−13·8	16·1	−19·4	93	92	18	24	8	—	—	—	—
June	4·7	−0·8	13·9	−4·2	23·9	−6·7	92	88	32	38	8	—	—	—	—
July	9·7	2·3	20·9	−1·2	25·6	−3·3	89	83	50	42	10	—	—	—	—
August	8·7	2·9	18·1	−0·3	23·3	−3·3	92	87	47	41	11	—	—	—	—
September	4·9	0·3	12·7	−3·1	17·8	−5·6	93	89	49	51	11	—	—	—	—
October	0·1	−4·2	6·4	−10·9	13·3	−16·1	90	89	38	23	11	—	—	—	—
November	−4·8	−9·9	1·2	−19·3	5·0	−26·7	90	90	26	17	10	—	—	—	—
December	−11·9	−17·9	−2·3	−28·8	1·7	−36·7	90	88	27	22	11	—	—	—	—
Year	−4·0	−9·8	21·7*	−36·6*	25·6	−41·1	90	88	346	51	110	—	—	—	—
No. of Years	17	17	18	19	18	19	19	19	19	19	19	—	—	—	—

Caplan 48° 06′ N 65° 39′ W 15 m Quebec

Period 1952–62 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−6·1	−13·8	4·3	−23·7	7·2	−30·6	—	—	86	28	13	107	39	9·0	10
February	−3·9	−11·7	3·9	−23·0	8·3	−27·8	—	—	90	55	12	127	44	10·4	8
March	0·4	−6·6	7·0	−16·8	15·0	−21·7	—	—	73	33	11	153	42	11·9	8
April	6·3	−1·0	13·4	−7·6	16·1	−12·8	—	—	68	46	11	192	47	13·8	5
May	13·2	4·0	23·3	−1·6	28·3	−4·4	—	—	78	41	13	215	46	15·0	5
June	18·5	9·3	26·6	3·1	30·0	0·0	—	—	95	52	15	222	46	16·0	4
July	22·2	13·2	28·6	7·1	34·4	4·4	—	—	102	56	14	255	53	15·2	2
August	21·3	12·2	27·2	5·9	30·6	3·3	—	—	90	65	12	250	56	14·8	2
September	16·8	8·5	24·6	1·2	27·2	−1·1	—	—	98	129	11	178	48	12·5	4
October	10·4	3·2	18·8	−4·0	22·2	−5·6	—	—	92	47	12	149	44	10·5	6
November	4·1	−1·7	13·9	−10·3	18·3	−15·0	—	—	100	51	13	89	32	9·4	11
December	−2·4	−9·2	6·7	−17·8	11·7	−25·6	—	—	79	52	12	89	33	8·0	11
Year	8·4	0·5	29·5*	−26·1*	34·4	−30·6	—	—	1051	129	149	2026	44	16·0	76
No. of Years	10	10	11	11	11	11	—	—	11	11	11	11	11	11	11

*Average of highest/lowest each year

Causapscal 48° 21′ N 67° 12′ W 137 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·0	−19·8	3·9	−33·6	11·7	−41·7	—	—	68	32	10	53	20	9·4	16
February	−6·1	−19·4	3·2	−32·7	11·1	−41·7	—	—	65	31	9	78	27	9·5	10
March	−0·7	−13·1	7·9	−27·3	13·3	−34·4	—	—	59	57	8	116	32	11·0	9
April	6·2	−4·3	16·2	−12·6	22·2	−21·7	—	—	51	58	7	155	38	11·5	6
May	14·9	2·0	26·9	−5·0	32·8	−12·2	—	—	59	47	9	177	38	13·4	5
June	21·1	7·3	29·9	−0·6	33·3	−4·4	—	—	81	44	10	187	39	14·2	6
July	24·2	11·0	31·4	3·4	35·6	−0·6	—	—	103	78	11	221	46	13·8	2
August	22·6	9·2	29·3	1·2	33·9	−1·1	—	—	79	61	9	207	47	12·8	3
September	17·1	4·8	27·3	−3·6	32·8	−6·7	—	—	76	62	9	151	40	10·8	6
October	10·4	−0·4	20·6	−8·2	25·0	−12·8	—	—	68	59	8	101	30	9·0	8
November	2·0	−5·4	11·8	−17·9	19·4	−25·6	—	—	68	57	10	39	14	7·7	16
December	−5·2	−14·4	5·4	−28·2	13·9	−40·0	—	—	69	61	11	24	10	6·5	16
Year	8·2	−3·5	32·4*	−35·4*	35·6	−41·7	—	—	846	78	111	1509	32	14·2	103
No. of Years	18	18	25	25	25	25	—	—	25	25	25	10	10	10	10

Ciconcine Dam 47° 23′ N 73° 02′ W 206 m Quebec

Period 1950–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·3	−24·6	1·2	−36·4	3·3	−38·9	—	—	59	29	13	—	—	—	—
February	−7·0	−22·9	2·0	−35·2	5·0	−40·0	—	—	61	36	12	—	—	—	—
March	0·2	−15·6	11·1	−28·0	19·4	−33·9	—	—	59	27	9	—	—	—	—
April	7·9	−3·8	18·9	−15·2	23·3	−23·3	—	—	56	24	10	—	—	—	—
May	17·1	2·9	28·6	−4·4	31·7	−6·7	—	—	69	29	13	—	—	—	—
June	22·1	8·3	30·9	0·6	33·9	−1·1	—	—	90	51	12	—	—	—	—
July	23·3	10·9	30·0	5·4	33·3	3·3	—	—	100	61	13	—	—	—	—
August	22·1	9·8	28·8	3·7	32·8	3·3	—	—	99	55	13	—	—	—	—
September	17·7	5·8	27·7	−1·7	30·6	−3·9	—	—	97	55	12	—	—	—	—
October	10·2	1·0	20·3	−6·8	24·4	−10·0	—	—	66	28	12	—	—	—	—
November	2·5	−4·8	13·0	−13·4	15·6	−17·2	—	—	77	35	12	—	—	—	—
December	−6·2	−15·1	5·2	−28·8	7·8	−33·3	—	—	71	33	13	—	—	—	—
Year	8·3	−4·0	32·2*	−35·9*	33·9	−40·0	—	—	904	61	144	—	—	—	—
No. of Years	7	7	7	7	7	7	—	—	16	16	16	—	—	—	—

Fort Chimo 58° 06′ N 68° 26′ W 36 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−19·4	−28·1	−3·8	−39·3	5·6	−46·7	73	76	21	18	10	—	—	—	—
February	−17·1	−26·4	−2·9	−38·6	5·0	−43·3	77	79	20	17	9	—	—	—	—
March	−9·7	−20·6	2·4	−33·6	7·8	−42·2	78	75	21	18	11	—	—	—	—
April	−3·6	−13·2	6·2	−25·4	10·6	−33·3	81	75	19	18	11	—	—	—	—
May	4·9	−3·3	15·3	−12·7	31·1	−19·4	81	72	33	28	10	—	—	—	—
June	13·2	2·5	23·7	−2·9	30·6	−6·1	76	62	38	29	10	—	—	—	—
July	17·4	6·4	28·7	−1·3	36·1	−1·1	79	61	50	22	13	—	—	—	—
August	15·3	5·9	25·0	0·7	34·4	−1·1	84	68	63	25	15	—	—	—	—
September	9·4	2·1	20·5	−3·1	25·6	−4·4	87	73	52	36	16	—	—	—	—
October	1·7	−2·8	11·8	−11·6	17·8	−20·0	86	79	40	15	15	—	—	—	—
November	−5·0	−11·7	3·8	−22·8	10·0	−31·1	84	81	34	20	13	—	—	—	—
December	−13·1	−21·3	1·1	−33·2	8·3	−40·0	81	79	29	15	13	—	—	—	—
Year	−0·5	−9·2	29·7*	−41·1*	36·1	−46·7	81	73	420	36	146	—	—	—	—
No. of Years	13	13	19	20	19	20	15	14	21	16	16	—	—	—	—

*Average of highest/lowest each year

CANADA

Fort George 53° 50′ N 79° 05′ W 7 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−17·1	−28·0	−2·6	−41·3	1·7	−48·3	—	—	27	18	8	72	28	7·8	14
February	−14·7	−27·4	−1·4	−41·1	7·2	−47·8	—	—	25	23	6	107	38	9·7	9
March	−8·9	−21·1	3·3	−36·5	10·0	−43·9	—	—	29	18	8	151	41	11·4	8
April	−0·3	−11·2	10·6	−25·6	18·9	−35·0	—	—	20	20	5	169	40	14·1	8
May	8·1	−2·4	19·2	−11·8	27·2	−21·7	—	—	39	32	7	190	39	16·9	8
June	14·6	4·2	25·6	−3·1	30·0	−6·1	—	—	52	32	9	200	39	16·8	7
July	16·9	6·8	26·8	1·1	30·6	−6·1	—	—	86	71	10	219	43	16·0	6
August	16·2	7·1	25·0	1·7	29·4	−1·1	—	—	71	38	12	170	37	14·9	7
September	11·9	4·3	21·1	−0·9	27·2	−3·3	—	—	75	42	14	99	26	13·1	10
October	5·8	−0·3	13·9	−6·6	21·1	−12·8	—	—	70	62	13	58	18	10·1	15
November	−1·3	−7·3	5·4	−18·6	12·8	−28·9	—	—	66	74	14	27	11	8·7	19
December	−10·4	−19·2	1·3	−34·6	6·1	−41·7	—	—	49	30	12	30	13	6·9	21
Year	1·7	−7·9	27·8*	−43·2*	30·6	−48·3	—	—	609	71	118	1492	31	16·9	132
No. of Years	17	18	24	26	24	26	—	—	23	23	23	23	23	23	23

Fort Mackenzie 56° 53′ N 69° 03′ W 76 m Quebec

Period 1938–51 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−19·1	−30·7	−2·9	−44·2	2·8	−51·1	86	88	28	18	11	—	—	—	—
February	−16·3	−29·4	−3·4	−44·2	5·0	−48·9	86	86	22	14	11	—	—	—	—
March	−9·4	−23·2	1·7	−40·4	7·2	−45·6	90	85	21	17	12	—	—	—	—
April	−2·1	−14·4	8·4	−31·7	14·4	−38·3	89	78	25	14	9	—	—	—	—
May	5·6	−4·3	16·8	−15·9	31·1	−28·9	83	75	41	26	13	—	—	—	—
June	14·9	1·0	25·3	−5·2	29·4	−8·3	81	61	41	20	11	—	—	—	—
July	19·2	5·2	28·5	−1·7	32·8	−3·9	84	62	85	28	16	—	—	—	—
August	17·4	5·2	26·7	−2·3	32·8	−3·9	87	66	79	51	16	—	—	—	—
September	11·6	2·2	21·1	−4·7	25·0	−8·9	88	73	58	21	16	—	—	—	—
October	3·7	−3·1	13·2	−12·3	18·9	−18·9	87	80	48	22	15	—	—	—	—
November	−3·8	−11·6	5·8	−26·3	13·9	−31·7	89	86	35	24	13	—	—	—	—
December	−13·7	−23·2	−0·7	−38·8	5·6	−43·3	92	90	31	25	14	—	—	—	—
Year	0·7	−10·5	29·9*	−46·3*	32·8	−51·1	87	77	514	51	157	—	—	—	—
No. of Years	12	12	13	13	13	13	12	9	13	13	13	—	—	—	—

Gaspé 48° 50′ N 64° 29′ W 28 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·3	−15·9	5·2	−27·0	14·4	−33·3	—	—	83	91	9	—	—	—	—
February	−5·4	−15·1	4·4	−26·8	10·0	−34·4	—	—	79	52	8	—	—	—	—
March	−1·1	−10·2	7·5	−21·4	15·6	−28·9	—	—	74	86	8	—	—	—	—
April	4·4	−3·8	12·8	−10·8	25·6	−19·4	—	—	50	42	7	—	—	—	—
May	12·3	2·4	22·7	−4·4	28·3	−11·1	—	—	67	114	9	—	—	—	—
June	18·6	8·0	28·4	1·4	34·4	−2·8	—	—	81	61	10	—	—	—	—
July	23·6	12·8	30·6	5·6	33·9	0·6	—	—	84	46	10	—	—	—	—
August	22·3	11·2	29·6	4·1	35·0	1·7	—	—	79	60	10	—	—	—	—
September	17·8	6·3	26·8	−0·9	32·2	−7·2	—	—	74	114	9	—	—	—	—
October	11·6	1·4	21·3	−5·0	27·8	−8·9	—	—	71	55	9	—	—	—	—
November	3·7	−3·3	14·7	−13·2	20·6	−23·3	—	—	71	52	9	—	—	—	—
December	−3·4	−11·6	6·6	−22·1	15·6	−28·9	—	—	86	89	9	—	—	—	—
Year	8·2	−1·5	28·5*	−28·7*	35·0	−34·4	—	—	899	91	107	—	—	—	—
No. of Years	21	20	29	28	29	28	—	—	30	30	30	—	—	—	—

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*Average of highest/lowest each year

CANADA

Great Whale River 55° 17′ N 77° 46′ W 20 m

Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−17·5	−26·6	−4·7	−39·8	3·3	−49·4	83	80	31	21	11	—	—	—	—
February	−16·4	−27·1	−2·9	−40·3	9·4	−45·6	83	79	25	24	9	—	—	—	—
March	−11·0	−21·4	2·6	−35·7	9·4	−45·0	84	78	25	24	10	—	—	—	—
April	−1·9	−11·8	9·8	−25·2	16·1	−33·9	86	78	35	38	12	—	—	—	—
May	5·3	3·1	17·2	−12·8	28·3	−25·0	84	76	46	22	12	—	—	—	—
June	11·9	1·8	25·6	−4·4	33·3	−8·3	84	73	54	42	12	—	—	—	—
July	16·0	5·8	27·8	0·7	33·3	−2·2	86	75	85	73	15	—	—	—	—
August	14·7	6·8	25·2	1·7	28·3	−0·6	90	78	102	58	17	—	—	—	—
September	10·8	4·1	21·4	−1·3	26·7	−6·1	89	78	81	32	18	—	—	—	—
October	5·0	−0·4	13·5	−6·8	21·1	−13·3	89	81	76	56	18	—	—	—	—
November	−2·2	−7·6	4·9	−18·9	10·6	−28·9	89	84	68	39	18	—	—	—	—
December	−11·4	−18·2	−0·3	−32·4	5·6	−46·1	86	82	47	27	15	—	—	—	—
Year	0·3	−8·1	29·1*	−43·2*	33·3	−49·4	86	79	675	73	167	—	—	—	—
No. of Years	20	20	27	28	27	28	17	15	25	25	25	—	—	—	—

Grindstone Island 47° 23′ N 61° 52′ W 60 m

Quebec

Period 1933–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·2	−9·0	5·1	−17·6	8·9	−23·9	93	93	89	46	20	—	—	—	—
February	−3·8	−10·2	3·8	−18·2	7·2	−25·0	94	92	69	41	16	—	—	—	—
March	−1·7	−7·1	4·9	−15·0	10·6	−24·4	91	90	62	62	15	—	—	—	—
April	3·1	−2·1	10·2	−7·1	16·7	−11·7	92	88	58	43	14	—	—	—	—
May	9·0	2·6	17·8	−2·0	25·0	−4·4	87	81	70	42	13	—	—	—	—
June	14·5	7·8	22·8	3·0	28·9	0·0	88	81	63	59	12	—	—	—	—
July	19·9	13·4	25·2	8·5	31·1	5·0	87	81	60	35	10	—	—	—	—
August	19·8	14·2	25·4	9·5	30·6	3·9	85	77	78	76	11	—	—	—	—
September	16·3	10·4	22·6	4·9	27·8	2·2	85	79	85	97	12	—	—	—	—
October	10·5	5·2	16·7	−0·9	20·0	−5·6	85	80	88	59	14	—	—	—	—
November	5·2	−0·3	12·3	−6·6	16·1	−12·2	89	87	94	52	17	—	—	—	—
December	−0·2	−5·2	7·2	−13·4	10·6	−24·4	90	89	93	69	19	—	—	—	—
Year	7·5	1·7	26·3*	−20·1*	31·1	−25·0	89	85	910	97	173	—	—	—	—
No. of Years	22	22	28	28	28	28	28	21	28	28	28	—	—	—	—

Harrington Harbour 50° 32′ N 59° 30′ W 8 m

Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·7	−15·6	2·1	−27·6	5·6	−35·0	81	83	118	56	14	—	—	—	—
February	−5·9	−14·4	2·1	−26·7	5·6	−33·3	83	83	110	41	13	—	—	—	—
March	−2·2	−9·8	3·9	−20·7	8·3	−28·9	85	85	98	48	13	—	—	—	—
April	2·1	−3·8	7·8	−11·2	13·9	−18·3	87	86	75	41	12	—	—	—	—
May	6·9	0·9	13·9	−4·1	23·3	−7·8	88	83	74	40	12	—	—	—	—
June	11·9	5·7	18·8	1·3	28·3	−4·4	87	82	70	78	12	—	—	—	—
July	15·4	9·6	21·0	5·9	28·3	2·2	89	84	80	48	13	—	—	—	—
August	16·2	10·2	21·1	5·6	26·7	0·6	89	84	84	65	12	—	—	—	—
September	13·1	6·8	18·9	1·1	23·3	−1·1	88	82	95	78	13	—	—	—	—
October	7·7	1·8	13·1	−5·2	17·8	−8·3	87	81	88	64	12	—	—	—	—
November	2·2	−3·8	8·3	−14·3	11·7	−24·4	88	86	115	61	14	—	—	—	—
December	−4·0	−11·4	4·5	−23·3	8·3	−34·4	83	84	95	42	15	—	—	—	—
Year	4·7	−2·0	22·8*	−29·2*	28·3	−35·0	86	84	1102	78	155	—	—	—	—
No. of Years	22	22	30	30	30	30	24	22	28	28	28	—	—	—	—

*Average of highest/lowest each year

CANADA

Indian House Lake 56° 14′ N 64° 44′ W 311 m Quebec

Period 1948–64 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0800	Average of observations at 1400	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	−19·1	−28·5	−2·8	−40·6	8·3	−47·2	77	75	32	20	12	—	—	—	—
February	−16·8	−27·1	−1·7	−40·6	4·4	−43·3	77	79	26	23	11	—	—	—	—
March	−10·2	−20·5	2·2	−36·1	6·1	−45·0	79	79	23	20	11	—	—	—	—
April	−2·9	−12·7	6·7	−27·2	10·6	−33·9	80	76	27	18	11	—	—	—	—
May	4·8	−3·8	16·1	−13·9	30·0	−25·0	81	72	30	15	12	—	—	—	—
June	13·1	2·4	25·0	−2·8	29·4	−6·7	76	62	60	30	13	—	—	—	—
July	17·4	6·9	27·8	1·7	32·2	−0·6	78	61	88	38	15	—	—	—	—
August	15·3	5·9	24·4	0·0	27·8	−3·3	82	64	72	61	16	—	—	—	—
September	9·3	1·7	20·6	−3·9	23·9	−7·2	85	70	71	53	16	—	—	—	—
October	2·0	−4·3	11·7	−11·7	17·2	−15·0	84	77	49	23	16	—	—	—	—
November	−4·9	−12·2	3·9	−25·0	7·8	−36·1	83	80	44	23	17	—	—	—	—
December	−12·8	−21·7	2·2	−35·0	5·6	−41·1	79	79	29	13	15	—	—	—	—
Year	−0·4	−9·5	28·9*	−41·7*	32·2	−47·2	80	73	551	61	165	—	—	—	—
No. of years	16	16	17	17	17	17	16	16	17	17	17	—	—	—	—

Inoucdjouac 58° 27′ N 78° 08′ W 20 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0700	Average of observations at 1300	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	−21·2	−28·7	−5·9	−39·1	0·6	−43·9	76	76	14	13	8	58	26	6·8	15
February	−20·8	−28·9	−7·4	−38·2	5·0	−43·9	78	79	9	10	6	108	41	8·8	7
March	−14·9	−24·1	−2·6	−35·4	3·9	−45·0	82	82	16	30	8	150	41	11·7	7
April	−6·8	−15·3	2·6	−26·9	5·6	−34·4	87	86	17	14	9	161	38	14·0	7
May	1·1	−5·0	9·2	−14·7	23·3	−21·7	89	84	23	25	11	138	27	16·1	10
June	8·6	0·7	19·1	−4·2	30·0	−7·8	87	76	30	36	9	189	37	17·4	6
July	12·9	4·7	21·1	−0·1	27·8	−6·7	87	75	51	25	11	201	37	16·2	7
August	12·0	5·2	19·7	1·2	24·4	−2·8	90	79	54	25	13	149	32	15·1	9
September	7·6	2·3	14·8	−2·8	22·8	−4·4	91	82	62	30	17	74	19	11·0	10
October	2·2	−3·0	7·7	−11·7	16·7	−22·8	91	88	49	28	17	49	16	9·6	14
November	−3·9	−10·4	2·6	−23·4	7·2	−31·1	91	88	47	43	17	30	12	7·0	18
December	−13·4	−20·8	−2·7	−33·0	1·7	−38·9	85	85	23	34	12	26	13	6·4	21
Year	−3·1	−10·3	22·8*	−40·8*	30·0	−45·0	86	82	395	43	138	1333	28	17·4	131
No. of Years	22	22	27	27	27	27	23	22	30	25	25	20	20	7	20

Knob Lake 54° 48′ N 66° 49′ W 512 m Quebec

Period 1948–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0800	Average of observations at 1400	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	−18·4	−28·3	−2·7	−41·4	4·4	−48·3	83	83	41	25	13	75	32	8·3	12
February	−14·5	−26·1	−2·4	−41·5	3·9	−50·6	83	82	41	25	12	104	38	10·5	9
March	−8·3	−19·4	2·2	−35·4	9·4	−41·1	85	79	41	18	14	159	42	12·2	7
April	−1·1	−11·4	6·7	−24·8	8·3	−36·1	83	73	40	28	12	180	45	15·0	5
May	6·6	−2·6	18·2	−11·6	28·3	−16·7	79	65	40	29	12	170	34	16·2	5
June	14·8	4·4	22·9	2·9	28·3	−7·8	75	59	90	51	16	186	34	16·6	5
July	17·7	8·1	26·3	1·9	31·1	0·0	77	62	92	38	19	170	33	16·0	5
August	15·3	6·7	24·7	1·1	30·0	−0·6	81	64	95	39	19	145	32	14·8	4
September	9·6	2·2	20·3	−4·6	26·7	−9·4	86	69	80	36	16	96	25	12·6	5
October	2·1	−4·1	11·5	−12·5	17·2	−18·9	86	78	74	36	18	66	20	10·2	12
November	−5·6	−12·8	4·3	−27·3	7·8	−35·6	88	83	65	24	18	47	17	8·4	16
December	−13·2	−21·7	0·7	−36·3	5·0	−42·2	85	81	39	22	15	61	25	7·4	14
Year	0·4	−8·7	27·9*	−44·1*	31·1	−50·6	83	73	738	51	184	1459	31	16·6	99
No. of Years	12	12	13	13	13	13	13	13	13	13	13	7	6	6	6

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*Average of highest/lowest each year

Lake Eon 51° 51′ N 63° 17′ W 561 m — Quebec

Period 1955–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·7	−25·2	−0·5	−38·9	6·7	−46·1	78	78	65	22	16	—	—	—	—
February	−12·1	−23·7	−1·4	−38·3	3·3	−44·4	77	75	51	23	14	—	—	—	—
March	−5·0	−17·1	4·4	−31·7	8·3	−38·3	81	75	72	38	15	—	—	—	—
April	1·1	−9·3	9·9	−22·7	15·6	−27·8	81	69	46	17	14	—	—	—	—
May	8·1	−1·3	18·2	−10·8	28·9	−18·3	78	65	69	45	15	—	—	—	—
June	14·4	3·9	23·4	−2·5	27·8	−8·9	77	63	82	51	16	—	—	—	—
July	18·2	8·5	26·1	2·8	28·9	0·0	80	64	86	33	16	—	—	—	—
August	16·6	7·2	24·3	1·4	27·8	−1·1	84	66	97	59	17	—	—	—	—
September	11·1	2·7	20·5	−3·4	26·7	−5·0	86	67	83	37	14	—	—	—	—
October	3·8	−3·3	13·3	−12·1	20·0	−16·7	86	76	78	44	15	—	—	—	—
November	−2·9	−10·7	7·4	−24·3	12·8	−30·0	85	82	68	24	17				
December	−10·7	−20·9	1·9	−35·3	10·0	−43·9	80	79	53	38	16	—	—	—	—
Year	2·4	−7·4	27·0*	−41·8*	28·9	−46·1	81	72	850	59	185	—	—	—	—
No. of Years	10	10	11	11	11	11	11	11	11	11	11	—	—	—	—

La Pocatière 47° 22′ N 70° 02′ W 20 m — Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·7	−16·2	4·4	−27·1	12·2	−33·3	—	—	81	57	11	87	32	9·2	10
February	−5·2	−15·0	3·6	−25·3	10·0	−32·8	—	—	77	38	11	107	37	10·5	8
March	−0·1	−9·3	8·2	−19·8	16·1	−27·8	—	—	74	53	11	138	38	11·5	8
April	7·6	−2·0	17·9	−9·2	25·6	−18·3	—	—	70	40	10	170	42	13·9	7
May	15·9	3·9	26·8	−2·6	29·4	−6·1	—	—	72	39	11	211	46	14·6	5
June	21·2	9·5	30·1	2·3	33·3	−1·7	—	—	101	93	12	219	46	15·3	4
July	24·7	13·2	30·7	6·6	35·0	4·4	—	—	104	57	13	248	52	14·9	2
August	23·6	11·9	29·8	4·7	33·9	2·2	—	—	99	91	11	235	54	14·2	3
September	18·6	7·7	27·4	−0·6	31·7	−4·4	—	—	101	124	11	153	41	12·8	5
October	11·9	2·5	21·1	−5·1	27·2	−9·4	—	—	77	56	10	118	35	9·8	7
November	3·9	−3·1	15·0	−13·4	21·1	−23·3	—	—	82	69	13	69	25	9·1	11
December	−3·8	−11·6	6·1	−12·1	14·4	−32·8	—	—	77	62	12	71	27	8·5	11
Year	9·3	−0·7	31·8*	−28·6*	35·0	−33·3	—	—	1015	124	136	1826	40	15·3	81
No. of Years	22	22	30	30	30	30	—	—	30	30	30	30	30	9	30

Maniwaki 46° 23′ N 75° 59′ W 174 m — Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·7	−18·6	4·3	−34·3	12·2	−41·1	78	74	59	32	9	—	—	—	—
February	−5·1	−16·8	4·8	−33·1	12·8	−43·3	80	72	46	30	8	—	—	—	—
March	1·4	−10·5	11·4	−25·7	22·2	−38·3	79	63	52	51	6	—	—	—	—
April	10·1	−1·3	21·2	−11·6	28·3	−21·1	79	54	61	56	8	—	—	—	—
May	18·8	4·8	28·8	−4·0	33·3	−9·4	76	49	63	55	9	—	—	—	—
June	24·0	10·6	31·8	2·0	36·1	−1·7	83	58	85	72	9	—	—	—	—
July	26·4	13·0	32·8	5·8	36·7	1·7	87	56	94	77	10	—	—	—	—
August	25·2	11·7	32·1	3·9	36·1	−2·2	91	57	79	72	8	—	—	—	—
September	19·4	6·9	28·6	−1·6	33·3	−5·6	92	63	91	70	9	—	—	—	—
October	11·7	1·1	22·5	−6·6	28·9	−10·0	88	64	67	51	8	—	—	—	—
November	3·7	−4·4	15·2	−16·4	21·1	−25·0	84	76	71	55	9	—	—	—	—
December	−5·0	−14·3	5·2	−31·6	12·8	−42·8	80	77	61	69	10	—	—	—	—
Year	10·2	−1·5	33·7*	−36·9*	36·7	−43·3	83	64	829	77	103	—	—	—	—
No. of Years	22	21	30	29	30	29	7	7	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Manuan Lake 50° 38′ N 70° 32′ W 495 m

Quebec

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−14·5	−25·5	0·6	−40·6	6·1	−46·7	90	89	43	23	15	—	—	—	—
February	−10·9	−22·8	0·6	−38·3	8·9	−46·1	88	87	41	36	14	—	—	—	—
March	−4·4	−17·1	6·1	−33·9	12·8	−42·8	91	85	49	69	14	—	—	—	—
April	2·7	−7·9	12·2	−20·6	24·4	−26·7	89	79	44	23	13	—	—	—	—
May	10·3	−0·3	23·3	−9·4	30·6	−18·3	86	71	72	32	14	—	—	—	—
June	17·3	6·2	26·1	−1·1	31·1	−3·3	83	65	115	63	16	—	—	—	—
July	20·4	9·9	28·9	3·9	32·8	1·7	85	68	121	48	17	—	—	—	—
August	18·6	8·8	26·7	2·2	31·7	−0·6	88	68	111	47	17	—	—	—	—
September	12·9	4·6	23·3	−2·8	28·3	−7·2	91	75	106	67	16	—	—	—	—
October	5·8	−1·2	16·7	−10·0	21·1	−15·6	91	83	77	38	16	—	—	—	—
November	−2·3	−9·1	7·2	−23·3	11·7	−33·9	92	87	74	28	18	—	—	—	—
December	−11·4	−20·4	1·1	−35·0	8·3	−43·3	91	89	54	28	17	—	—	—	—
Year	3·7	−6·2	29·4*	−42·2*	32·8	−46·7	89	79	907	69	187	—	—	—	—
No. of Years	18	18	19	19	19	19	19	19	19	19	19	—	—	—	—

Megantic 45° 35′ N 70° 50′ W 415 m

Quebec

Period 1939–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·7	−16·2	6·6	−30·4	16·1	−38·3	87	77	76	55	18	—	—	—	—
February	−4·6	−15·1	7·0	−30·1	11·7	−37·8	86	75	74	59	17	—	—	—	—
March	0·4	−9·4	12·1	−24·9	22·2	−32·2	84	69	72	39	17	—	—	—	—
April	8·1	−2·0	19·4	−11·4	27·2	−18·9	79	61	70	32	14	—	—	—	—
May	16·1	4·1	26·3	−3·9	28·9	−8·3	78	57	83	52	14	—	—	—	—
June	21·0	9·4	28·9	0·1	31·1	−3·3	82	62	112	72	15	—	—	—	—
July	23·9	12·7	29·7	4·3	35·6	0·6	83	61	101	68	14	—	—	—	—
August	22·4	11·1	28·9	2·7	33·3	−0·6	87	62	95	43	12	—	—	—	—
September	18·1	7·2	27·0	−2·7	30·6	−7·2	88	64	85	70	12	—	—	—	—
October	11·9	1·8	22·6	−7·2	26·7	−10·6	88	65	79	51	13	—	—	—	—
November	4·0	−3·6	16·1	−14·7	22·8	−22·2	86	75	91	47	17	—	—	—	—
December	−4·0	−12·1	8·6	−26·0	19·4	−33·3	88	77	81	39	19	—	—	—	—
Year	9·3	−1·0	30·9*	−32·8*	35·6	−38·3	85	67	1019	72	182	—	—	—	—
No. of Years	19	19	22	22	22	22	21	21	22	22	22	—	—	—	—

Mistassini Post 50° 30′ N 73° 55′ W 383 m

Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·2	−26·7	−0·4	−41·6	6·1	−48·9	—	—	52	33	8	—	—	—	—
February	−10·8	−24·4	0·4	−41·0	8·9	−48·3	—	—	45	28	8	—	—	—	—
March	−3·0	−17·6	6·5	−35·6	18·3	−42·8	—	—	54	46	9	—	—	—	—
April	3·8	−9·2	14·2	−23·7	21·1	−33·9	—	—	37	48	8	—	—	—	—
May	12·4	−0·4	23·3	−9·4	28·9	−15·6	—	—	59	42	11	—	—	—	—
June	18·2	6·6	27·3	−1·1	31·7	−3·3	—	—	83	47	13	—	—	—	—
July	22·3	10·6	28·6	3·2	33·3	−1·1	—	—	99	61	12	—	—	—	—
August	20·1	9·9	27·7	2·7	33·3	−0·6	—	—	100	73	13	—	—	—	—
September	14·6	4·9	24·0	−2·2	27·8	−6·7	—	—	88	40	13	—	—	—	—
October	7·3	−0·7	17·4	−8·7	23·9	−13·9	—	—	76	50	13	—	—	—	—
November	−1·4	−8·3	8·7	−22·8	16·7	−35·6	—	—	67	30	13	—	—	—	—
December	−10·4	−19·8	2·1	−36·9	8·9	−43·9	—	—	50	28	10	—	—	—	—
Year	5·0	−6·3	29·4*	−43·6*	33·3	−48·9	—	—	810	73	131	—	—	—	—
No. of Years	21	21	28	30	28	30	—	—	27	27	27	—	—	—	—

*Average of highest/lowest each year

CANADA

Mont Joli 48° 36′ N 68° 12′ W 41 m Quebec

Period 1943–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·1	−15·0	4·8	−26·3	12·2	−33·3	83	81	88	30	16	—	—	—	—
February	−5·7	−14·0	5·3	−24·9	12·2	−30·0	83	80	86	38	15	—	—	—	—
March	−1·0	−8·7	7·2	−19·4	11·1	−29·4	81	76	66	63	12	—	—	—	—
April	5·8	−2·1	14·7	−9·1	22·2	−14·4	77	69	60	33	11	—	—	—	—
May	13·2	3·8	24·6	−3·1	29·4	−12·2	74	62	62	50	11	—	—	—	—
June	18·9	8·7	29·1	2·1	32·8	−1·1	75	64	79	40	13	—	—	—	—
July	22·7	12·5	30·3	6·7	34·4	3·3	76	63	74	38	12	—	—	—	—
August	21·4	11·4	28·7	5·9	33·3	3·9	78	63	73	69	10	—	—	—	—
September	16·9	7·8	26·6	0·4	32·2	−5·0	79	69	75	65	11	—	—	—	—
October	9·9	2·4	20·7	−4·7	26·1	−7·8	79	69	67	74	11	—	—	—	—
November	3·1	−2·9	13·7	−10·9	20·0	−18·3	81	77	86	52	13	—	—	—	—
December	−3·9	−10·9	7·1	−20·7	15·6	−26·7	82	79	87	51	16	—	—	—	—
Year	7·9	−0·6	31·3*	−27·7*	34·4	−33·3	79	71	903	74	151	—	—	—	—
No. of Years	17	17	18	18	18	18	18	18	18	18	18	—	—	—	—

Montreal 45° 30′ N 73° 35′ W 57 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700								
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·5	−13·2	6·1	−23·9	12·8	−30·0	79	—	87	44	17	86	32	8·1	11
February	−3·8	−11·3	5·4	−22·2	10·0	−33·3	77	—	76	30	15	103	37	9·5	8
March	1·8	−5·3	10·7	−15·9	25·0	−27·2	76	—	86	42	15	141	40	10·9	7
April	10·6	2·3	22·3	−5·3	30·0	−14·4	73	—	83	41	14	157	41	13·0	6
May	18·3	8·6	27·6	1·2	32·2	−2·8	71	—	81	54	13	209	48	14·0	4
June	23·3	14·3	31·1	7·8	34·4	1·1	74	—	91	68	12	231	52	14·3	2
July	26·1	17·1	31·7	12·0	36·1	9·4	76	—	98	90	13	253	57	14·3	1
August	24·9	15·9	31·2	10·2	33·9	7·8	79	—	87	76	10	240	59	13·4	2
September	19·7	11·4	28·4	3·6	32·2	0·6	83	—	96	49	13	167	47	11·9	3
October	13·5	5·8	23·1	−1·6	28·9	−6·7	81	—	84	86	12	133	41	9·8	6
November	5·4	−0·2	15·9	−9·9	22·2	−16·7	81	—	89	53	15	71	25	8·2	11
December	−2·5	−8·9	7·8	−21·8	15·0	−33·9	79	—	89	50	17	69	27	7·8	13
Year	11·0	3·0	32·6*	−26·0*	36·1	−33·9	77	—	1047	90	166	1859	42	14·3	74
No. of Years	22	22	30	30	30	30	30	—	30	30	30	30	30	7	30

Natashquan 50° 14′ N 61° 48′ W 6 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−7·0	−17·1	2·4	−30·3	7·2	−37·2	89	83	103	46	13	—	—	—	—
February	−5·7	−16·1	2·6	−29·1	6·7	−37·2	91	84	89	47	12	—	—	—	—
March	−1·7	−11·1	4·9	−23·4	12·8	−33·3	85	82	79	66	11	—	—	—	—
April	3·1	−4·5	9·4	−12·6	17·8	−20·6	87	83	79	42	11	—	—	—	—
May	8·7	0·9	16·7	−5·6	21·1	−12·8	85	81	89	56	11	—	—	—	—
June	14·2	5·9	20·8	0·4	25·0	−3·9	87	82	92	74	12	—	—	—	—
July	18·2	10·6	24·3	5·2	28·3	1·1	89	85	94	86	11	—	—	—	—
August	17·3	9·6	23·3	3·2	28·3	−1·1	90	85	92	91	11	—	—	—	—
September	13·3	5·6	20·6	−1·6	26·1	−7·8	90	84	94	69	11	—	—	—	—
October	7·9	0·4	14·4	−7·4	18·9	−10·6	89	82	93	65	11	—	—	—	—
November	2·3	−5·3	9·1	−17·1	14·4	−25·6	88	84	99	54	11	—	—	—	—
December	−4·8	−13·9	4·3	−26·7	13·3	−35·0	89	84	79	47	12	—	—	—	—
Year	5·5	−2·9	25·1*	−32·6*	28·3	−37·2	88	83	1082	91	137	—	—	—	—
No. of Years	22	22	30	30	30	30	16	17	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Nitchequon 53° 12′ N 70° 54′ W 515 m Quebec

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−17·3	−29·3	−2·2	−42·8	3·9	−49·4	82	81	36	18	14	—	—	—	—
February	−13·9	−26·2	−1·7	−40·6	3·3	−48·3	84	82	33	25	13	—	—	—	—
March	−8·2	−19·4	3·3	−37·2	8·3	−45·0	83	78	31	51	13	—	—	—	—
April	−0·6	−10·9	8·9	−25·6	12·8	−35·0	82	73	36	18	13	—	—	—	—
May	6·4	−1·8	16·7	−12·2	26·1	−22·2	82	68	58	25	15	—	—	—	—
June	14·5	5·3	24·4	−2·8	32·2	−6·7	80	64	90	36	16	—	—	—	—
July	18·3	9·2	26·1	3·3	31·1	0·6	83	67	100	41	18	—	—	—	—
August	16·4	8·2	25·0	2·8	28·9	0·0	86	67	98	36	18	—	—	—	—
September	10·7	3·6	20·0	−3·3	26·1	−8·3	89	74	87	36	18	—	—	—	—
October	3·7	−2·7	12·8	−10·6	18·9	−17·2	89	81	79	58	19	—	—	—	—
November	−4·6	−11·6	4·4	−25·0	7·8	−31·7	89	86	61	25	20	—	—	—	—
December	−13·2	−22·6	0·6	−37·8	6·7	−46·7	86	84	43	33	17	—	—	—	—
Year	1·0	−8·2	27·8*	−45·0	32·2	−49·4	85	75	753	58	194	—	—	—	—
No. of Years	18	18	19	19	19	19	19	19	19	19	19	—	—	—	—

Quebec/Ancienne Lorette 46° 48′ N 71° 23′ W 75 m Quebec

Period 1943–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·9	−15·7	4·1	−29·4	10·0	−35·0	84	80	79	32	16	73	26	9·0	15
February	−5·3	−14·5	3·7	−27·1	11·7	−33·3	83	76	77	33	14	87	30	9·3	10
March	0·3	−8·4	7·8	−20·2	15·0	−30·0	82	70	70	34	13	124	34	10·2	9
April	8·2	−1·5	18·5	−9·5	26·7	−18·9	79	62	73	55	12	145	35	13·8	7
May	17·1	5·2	28·0	−2·6	32·8	−7·8	74	54	75	37	12	195	42	14·5	5
June	22·2	10·3	31·1	2·5	33·9	−0·6	77	56	106	76	13	192	41	14·9	6
July	25·4	13·7	31·8	7·0	35·6	4·4	80	57	107	46	13	222	47	15·0	3
August	24·0	12·6	30·4	5·7	33·9	2·8	82	60	91	46	11	222	51	14·6	2
September	18·8	8·2	27·7	−0·6	33·9	−3·3	86	62	101	71	12	139	37	11·6	5
October	11·9	2·7	21·4	−4·8	28·3	−10·0	85	65	81	45	12	118	35	9·7	9
November	3·7	−2·8	14·0	−12·9	20·0	−20·0	85	75	94	46	15	60	22	9·1	14
December	−4·7	−12·4	5·2	−25·7	13·9	−31·7	86	79	99	36	16	61	23	8·5	14
Year	9·6	−0·2	32·6*	−31·4*	35·6	−35·0	82	66	1053	76	159	1638	35	15·0	99
No. of Years	17	17	18	18	18	18	18	18	18	18	18	7	7	7	7

Rapides des Sept 47° 46′ N 78° 19′ W 311 m Quebec

Period 1947–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·2	−21·2	2·6	−35·5	6·7	−42·2	—	—	51	33	11	—	—	—	—
February	−6·6	−19·4	3·6	−33·7	10·0	−39·4	—	—	50	30	10	—	—	—	—
March	−1·4	−14·5	9·4	−29·3	15·6	−37·2	—	—	55	28	8	—	—	—	—
April	7·6	−3·7	17·8	−14·5	23·9	−23·3	—	—	51	28	9	—	—	—	—
May	15·8	2·7	26·7	−6·4	30·0	−11·1	—	—	65	23	11	—	—	—	—
June	21·3	8·7	28·9	−0·4	32·2	−3·3	—	—	108	81	12	—	—	—	—
July	23·8	12·2	30·0	4·1	34·4	1·7	—	—	107	84	12	—	—	—	—
August	22·6	10·5	30·0	2·3	35·0	0·0	—	—	102	52	10	—	—	—	—
September	16·8	6·1	26·8	−1·7	32·2	−4·4	—	—	106	57	13	—	—	—	—
October	10·3	1·2	20·3	−6·2	25·6	−8·9	—	—	78	35	12	—	—	—	—
November	1·6	−5·3	12·2	−16·7	17·8	−25·6	—	—	72	31	15	—	—	—	—
December	−6·4	−16·1	4·6	−30·6	11·1	−35·0	—	—	60	20	11	—	—	—	—
Year	8·0	−3·2	31·4*	−37·0*	35·0	−42·2	—	—	905	84	134	—	—	—	—
No. of Years	13	13	14	14	14	14	—	—	14	14	14	—	—	—	—

*Average of highest/lowest each year

CANADA

Roberval 48° 33′ N 72° 14′ W 102 m Quebec

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·9	−22·2	3·4	−35·6	10·6	−44·4	—	—	59	38	12	—	—	—	—
February	−7·5	−19·2	4·2	−32·8	11·1	−41·1	—	—	48	25	10	—	—	—	—
March	−0·9	−12·3	7·9	−26·4	18·9	−32·2	—	—	48	46	9	—	—	—	—
April	6·7	−3·8	17·8	−13·4	28·9	−24·4	—	—	48	37	10	—	—	—	—
May	15·6	3·6	27·3	−4·2	32·2	−9·4	—	—	59	40	10	—	—	—	—
June	20·9	9·9	31·1	2·1	35·6	−2·8	—	—	82	48	12	—	—	—	—
July	23·9	13·1	31·7	7·0	36·1	3·3	—	—	87	50	13	—	—	—	—
August	22·6	11·6	30·0	5·1	34·4	2·2	—	—	63	55	11	—	—	—	—
September	17·8	7·3	28·3	−2·0	34·4	−5·6	—	—	74	62	11	—	—	—	—
October	10·9	1·7	21·7	−6·5	26·7	−19·4	—	—	54	37	11	—	—	—	—
November	2·7	−4·7	12·6	−17·1	20·6	−32·2	—	—	52	41	12	—	—	—	—
December	−7·0	−15·9	5·4	−30·3	13·9	−42·8	—	—	61	34	12	—	—	—	—
Year	7·9	−3·3	32·9*	−37·2*	36·1	−44·4	—	—	735	62	133	—	—	—	—
No. of Years	18	18	27	27	27	27	—	—	28	28	28	—	—	—	—

Sept-Iles 50° 13′ N 66° 16′ W 58 m Quebec

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·4	−20·1	2·7	−34·2	6·1	−41·7	84	80	101	66	14	—	—	—	—
February	−6·2	−18·1	2·7	−31·7	10·6	−38·3	84	80	94	40	12	—	—	—	—
March	−1·1	−12·1	6·4	−25·1	11·7	−31·7	83	79	74	51	10	—	—	—	—
April	4·0	−4·8	10·2	−14·5	13·9	−24·4	80	75	57	48	10	—	—	—	—
May	10·5	1·4	19·6	−5·2	28·3	−11·7	73	68	74	49	10	—	—	—	—
June	16·5	6·4	24·9	0·0	32·2	−2·8	75	67	91	68	12	—	—	—	—
July	20·4	10·4	27·0	4·8	32·8	1·7	77	70	113	85	13	—	—	—	—
August	19·6	9·2	26·1	3·3	30·6	−0·6	79	69	86	76	12	—	—	—	—
September	14·6	4·8	23·2	−2·3	27·8	−5·0	83	69	100	96	12	—	—	—	—
October	8·3	−0·4	16·2	−8·5	22·2	−11·1	84	69	83	53	10	—	—	—	—
November	1·4	−6·2	8·7	−18·3	15·0	−25·0	86	79	116	57	13	—	—	—	—
December	−5·5	−15·3	3·9	−27·4	9·4	−33·9	84	79	95	48	12	—	—	—	—
Year	6·2	−3·7	28·3*	−35·8*	32·8	−41·7	81	74	1084	96	140	—	—	—	—
No. of Years	15	15	16	16	16	16	16	16	16	16	16	—	—	—	—

Val d'Or 48° 03′ N 77° 47′ W 338 m Quebec

Period 1951–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·9	−22·1	2·1	−36·3	5·0	−43·3	79	77	57	18	16	—	—	—	—
February	−7·3	−18·7	4·3	−33·8	9·4	−36·7	81	74	53	20	14	—	—	—	—
March	−2·2	−13·4	8·8	−27·6	16·7	−33·9	80	68	41	25	10	—	—	—	—
April	7·6	−3·5	18·7	−15·8	23·3	−25·0	77	59	38	24	9	—	—	—	—
May	15·6	2·9	27·2	−6·7	29·4	−10·0	73	51	67	42	12	—	—	—	—
June	21·2	8·8	30·2	0·1	33·9	−2·2	77	53	95	67	13	—	—	—	—
July	23·6	11·4	30·6	3·9	34·4	1·7	81	56	108	68	12	—	—	—	—
August	21·8	10·2	29·4	2·1	32·8	−2·8	87	58	99	60	12	—	—	—	—
September	16·2	5·9	27·1	−2·1	32·2	−3·3	89	65	108	48	14	—	—	—	—
October	8·7	0·2	20·0	−7·6	25·6	−11·1	87	67	80	51	15	—	—	—	—
November	1·0	−6·1	11·7	−20·6	17·2	−28·9	87	78	78	24	18	—	—	—	—
December	−7·7	−17·2	4·8	−32·5	12·8	−36·7	81	78	67	33	17	—	—	—	—
Year	7·3	−3·5	31·9*	−38·1*	34·4	−43·3	82	65	891	68	162	—	—	—	—
No. of Years	9	9	10	10	10	10	10	10	10	10	10	—	—	—	—

*Average of highest/lowest each year

CANADA

Cumberland House 53° 58′ N 102° 18′ W Saskatchewan

Period 1935–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−15·6	−24·8	−1·4	−39·2	7·2	−44·4	—	—	21	17	5	—	—	—	—
February	−12·0	−22·8	2·3	−34·6	10·0	−41·7	—	—	17	19	5	—	—	—	—
March	−4·0	−16·8	8·7	−31·0	13·9	−37·2	—	—	24	25	6	—	—	—	—
April	7·3	−4·7	20·3	−17·2	31·1	−28·3	—	—	20	28	4	—	—	—	—
May	15·4	3·3	27·1	−4·3	33·3	−8·3	—	—	40	42	7	—	—	—	—
June	20·6	8·2	29·5	1·7	35·0	−5·0	—	—	69	48	10	—	—	—	—
July	24·4	12·9	32·1	7·0	38·9	4·4	—	—	63	43	9	—	—	—	—
August	22·2	10·4	30·2	4·5	36·7	−0·6	—	—	57	67	9	—	—	—	—
September	16·2	5·1	26·1	−3·6	32·2	−8·3	—	—	38	71	7	—	—	—	—
October	8·5	−1·5	19·7	−10·4	26·7	−20·6	—	—	25	28	5	—	—	—	—
November	−4·4	−11·7	6·4	−26·0	13·9	−33·9	—	—	29	20	8	—	—	—	—
December	−10·1	−19·1	2·8	−33·6	11·1	−40·0	—	—	23	19	5	—	—	—	—
Year	5·7	−5·1	33·5*	−39·6*	38·9	−44·4	—	—	426	71	80	—	—	—	—
No. of Years	18	18	20	19	20	19	—	—	20	20	19	—	—	—	—

Dafoe 51° 56′ N 104° 34′ W 540 m Saskatchewan

Period 1945–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−14·5	−25·1	−1·7	−38·9	7·2	−45·6	88	86	19	13	12	—	—	—	—
February	−11·2	−22·3	0·6	−36·7	5·0	−46·1	89	86	13	15	7	—	—	—	—
March	−4·5	−15·6	6·7	−32·2	16·1	−38·9	91	83	21	23	9	—	—	—	—
April	6·9	−4·1	18·3	−15·6	30·6	−32·8	89	68	26	30	8	—	—	—	—
May	16·1	3·0	28·9	−5·0	33·9	−12·2	83	53	38	33	8	—	—	—	—
June	20·3	7·7	30·0	0·6	33·9	−2·2	86	57	70	56	11	—	—	—	—
July	24·7	11·3	33·3	5·0	37·8	1·1	87	57	60	63	10	—	—	—	—
August	23·3	10·1	32·2	2·2	39·4	−3·3	90	60	53	43	10	—	—	—	—
September	16·8	4·6	27·8	−5·0	32·2	−12·8	88	62	49	56	9	—	—	—	—
October	9·7	−1·9	22·2	−12·8	27·8	−21·1	87	67	22	20	7	—	—	—	—
November	−2·3	−11·3	10·6	−25·0	17·8	−33·9	89	81	25	13	11	—	—	—	—
December	−9·7	−19·3	2·2	−32·8	5·0	−41·1	90	87	15	8	10	—	—	—	—
Year	6·3	−5·3	34·4*	−40·6*	39·4	−46·1	88	71	411	63	112	—	—	—	—
No. of Years	15	15	16	16	16	16	16	16	16	16	16	—	—	—	—

Estevan 49° 04′ N 103° 00′ W 574 m Saskatchewan

Period 1948–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·7	−21·4	1·8	−34·7	6·7	−42·2	87	87	20	15	12	—	—	—	—
February	−8·0	−17·8	3·9	−30·4	11·7	−35·0	90	85	14	12	8	—	—	—	—
March	−2·8	−12·5	9·2	−28·2	15·6	−36·7	89	82	20	13	10	—	—	—	—
April	9·8	−2·0	23·3	−12·7	32·2	−22·2	85	59	26	23	7	—	—	—	—
May	18·2	4·9	30·4	−3·7	33·3	−10·0	81	51	45	48	8	—	—	—	—
June	21·9	9·3	31·9	2·4	36·1	−1·1	85	55	85	66	11	—	—	—	—
July	26·8	12·7	35·4	5·7	38·9	2·8	86	57	58	52	9	—	—	—	—
August	25·8	11·7	34·9	3·9	41·1	−0·6	87	53	43	57	8	—	—	—	—
September	19·4	5·8	30·9	−3·2	36·1	−6·1	85	56	39	67	7	—	—	—	—
October	12·5	−0·1	26·0	−10·3	32·2	−19·4	84	60	27	32	6	—	—	—	—
November	1·4	−8·6	14·4	−22·2	18·9	−28·3	87	75	19	13	8	—	—	—	—
December	−6·0	−15·6	6·6	−28·4	10·6	−36·1	88	83	20	19	10	—	—	—	—
Year	8·9	−2·8	36·9*	−36·2*	41·1	−42·2	86	67	416	67	104	—	—	—	—
No. of Years	12	12	13	13	13	13	13	13	13	13	13	—	—	—	—

*Average of highest/lowest each year

CANADA

Island Falls 55° 32′ N 102° 21′ W 299 m Saskatchewan

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−17·3	−28·8	−2·8	−43·3	10·0	−48·9	84	81	23	19	10	—	—	—	—
February	−12·8	−26·9	1·1	−42·2	11·7	−47·8	86	85	22	20	8	—	—	—	—
March	−4·2	−20·2	7·8	−36·7	15·0	−43·9	87	78	22	22	8	—	—	—	—
April	5·4	−8·3	17·2	−24·4	28·3	−35·0	88	68	22	18	7	—	—	—	—
May	13·7	0·3	25·6	−7·8	32·8	−20·6	85	60	36	51	9	—	—	—	—
June	19·0	6·1	28·3	0·0	34·4	−3·3	88	62	64	67	12	—	—	—	—
July	23·3	10·9	31·1	5·0	36·1	1·7	89	65	71	69	13	—	—	—	—
August	20·9	9·7	29·4	3·3	33·9	−1·1	92	69	70	54	13	—	—	—	—
September	14·4	4·5	24·4	−2·8	29·4	−8·3	91	75	51	51	12	—	—	—	—
October	6·9	−1·6	17·8	−11·7	26·7	−21·7	90	80	32	23	9	—	—	—	—
November	−5·6	−13·1	5·6	−28·9	11·7	−37·8	91	89	37	32	11	—	—	—	—
December	−13·8	−23·3	−0·6	−38·3	7·8	−46·1	89	87	28	17	11	—	—	—	—
Year	4·2	−7·6	32·2*	−45·0*	36·1	−48·9	88	75	478	69	123	—	—	—	—
No. of Years	22	22	30	30	30	30	16	16	30	30	30	—	—	—	—

Kindersley 51° 28′ N 109° 09′ W 681 m Saskatchewan

Period 1939–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·0	−21·2	2·4	−34·4	6·7	−43·3	—	—	10	10	6	—	—	—	—
February	−7·5	−19·0	4·0	−32·7	8·3	−43·3	—	—	9	13	4	—	—	—	—
March	−1·5	−12·6	10·2	−28·1	19·4	−35·6	—	—	12	13	5	—	—	—	—
April	10·5	−2·8	24·1	−13·2	34·4	−30·0	—	—	19	18	6	—	—	—	—
May	18·4	3·2	30·1	−5·6	33·3	−15·6	—	—	26	28	7	—	—	—	—
June	21·2	7·6	31·1	1·2	40·6	−1·1	—	—	59	37	11	—	—	—	—
July	26·2	11·3	34·9	5·1	40·0	−1·7	—	—	47	35	9	—	—	—	—
August	24·8	9·4	33·9	3·4	37·2	−0·6	—	—	44	45	9	—	—	—	—
September	19·1	4·0	30·1	−3·9	36·7	−8·9	—	—	30	33	7	—	—	—	—
October	12·5	−1·9	24·7	−10·3	32·8	−17·8	—	—	16	36	5	—	—	—	—
November	0·2	−10·3	13·4	−21·4	23·3	−31·7	—	—	12	13	5	—	—	—	—
December	−6·2	−16·2	5·7	−29·2	11·7	−36·7	—	—	10	21	4	—	—	—	—
Year	8·9	−4·0	36·0*	−36·6*	40·6	−43·3	—	—	294	45	78	—	—	—	—
No. of Years	21	21	22	22	22	22	—	—	22	22	22	—	—	—	—

Melfort 52° 52′ N 104° 36′ W 462 m Saskatchewan

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·9	−24·2	0·2	−37·8	14·4	−46·7	—	—	19	19	7	92	36	8·4	11
February	−10·2	−22·2	2·2	−35·5	10·6	−45·0	—	—	16	21	6	120	43	10·1	7
March	−3·7	−15·8	7·5	−30·5	15·6	−37·2	—	—	23	29	6	159	44	11·2	8
April	7·8	−4·1	21·0	−16·1	32·2	−35·0	—	—	23	36	6	200	48	14·0	6
May	17·4	2·9	29·8	−5·8	35·0	−10·6	—	—	36	38	8	227	46	15·3	6
June	21·4	7·3	30·8	−0·6	37·8	−5·0	—	—	71	61	12	246	49	15·6	3
July	25·6	10·7	33·3	4·2	41·1	0·6	—	—	61	101	11	292	58	15·8	2
August	23·8	9·2	32·2	1·4	38·3	−2·2	—	—	48	57	10	234	52	14·9	3
September	18·2	4·0	28·7	−5·2	37·2	−11·7	—	—	42	48	8	150	40	12·9	6
October	10·5	−1·8	22·7	−12·6	32·2	−24·4	—	—	26	24	7	142	43	10·0	8
November	−2·5	−11·5	9·6	−25·6	25·6	−32·8	—	—	26	18	8	78	30	9·0	12
December	−9·2	−19·3	2·8	−34·3	11·1	−42·2	—	—	17	14	7	58	24	7·6	16
Year	7·2	−5·4	34·9*	−39·7*	41·1	−46·7	—	—	408	101	96	1998	43	15·8	88
No. of Years	22	22	30	30	30	30	—	—	30	30	30	11	11	11	11

*Average of highest/lowest each year

Prince Albert 53° 13′ N 105° 41′ W 431 m Saskatchewan

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530								
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·7	−25·1	0·8	−40·9	10·0	−48·9	89	—	18	15	11	94	37	8·0	9
February	−10·5	−22·9	3·7	−38·7	10·6	−46·7	93	—	15	17	9	115	42	9·9	6
March	−3·2	−16·1	8·6	−32·3	13·3	−41·7	91	—	18	29	8	171	46	10·9	5
April	8·3	−4·0	21·4	−17·1	32·2	−33·9	88	—	26	41	8	209	50	14·3	3
May	17·4	2·8	29·0	−5·4	35·6	−11·7	83	—	40	42	9	257	52	15·8	2
June	20·8	7·3	29·9	0·3	36·7	−4·4	86	—	66	78	12	256	51	16·3	2
July	25·1	11·0	33·4	5·3	39·4	1·1	87	—	57	74	11	309	61	16·0	1
August	23·3	9·6	32·4	2·7	36·7	−1·1	91	—	49	65	11	263	58	14·5	1
September	17·3	4·2	27·8	−4·5	35·0	−12·8	92	—	36	32	9	271	45	13·1	4
October	10·1	−1·8	22·4	−11·0	30·6	−26·1	89	—	24	24	8	146	45	10·1	5
November	−2·8	−11·2	9·9	−26·9	19·4	−40·6	92	—	26	25	11	80	31	8·9	10
December	−9·9	−20·2	3·5	−36·6	10·0	−46·7	93	—	24	15	11	72	31	7·4	12
Year	6·9	−5·5	34·4*	−43·6*	39·4	−48·9	89	—	399	78	118	2243	46	16·3	60
No. of Years	22	22	30	30	30	30	24	—	30	30	30	21	21	9	21

Regina 50° 27′ N 104° 37′ W 574 m Saskatchewan

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1700							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·2	−21·7	2·2	−36·7	8·9	−45·6	91	89	19	10	11	98	37	8·3	8
February	−9·4	−20·2	3·3	−35·0	15·6	−47·8	89	87	17	12	9	118	42	10·2	5
March	−3·3	−13·6	8·9	−28·9	20·6	−40·6	91	83	21	19	10	152	42	10·3	5
April	9·1	−1·9	23·3	−13·3	32·8	−24·4	87	55	21	30	8	215	52	13·6	3
May	18·2	3·7	30·6	−5·6	37·2	−11·7	81	44	40	45	8	265	56	15·0	2
June	21·3	8·1	31·7	0·6	39·4	−3·3	86	51	83	95	13	245	50	15·8	2
July	26·4	11·6	35·6	4·4	43·3	−2·2	88	49	55	65	10	334	68	15·2	1
August	25·2	10·5	34·4	2·2	40·6	−3·3	86	46	49	79	9	286	64	14·3	1
September	19·1	4·9	31·1	−5·6	37·2	−16·1	87	50	34	62	8	193	52	11·2	2
October	12·2	−1·5	25·0	−13·3	31·1	−23·3	85	60	18	24	6	169	51	10·1	4
November	−0·4	−10·5	12·2	−23·9	21·1	−32·8	89	82	20	24	10	96	36	9·0	8
December	−6·9	−17·1	5·0	−32·2	15·0	−40·0	90	88	17	10	10	85	34	7·5	9
Year	8·3	−4·0	36·7*	−39·4*	43·3	−47·8	87	65	394	95	112	2256	49	15·8	50
No. of Years	22	22	30	30	30	30	23	23	30	30	30	27	27	9	27

Saskatoon 52° 08′ N 106° 38′ W 515 m Saskatchewan

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1700							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·9	−22·8	1·1	−36·1	8·9	−46·1	87	85	14	18	8	95	37	8·1	8
February	−10·4	−20·0	3·3	−33·9	12·8	−43·9	88	83	15	20	8	130	47	10·2	5
March	−2·7	−13·3	9·4	−27·8	18·9	−35·0	88	77	14	18	6	193	52	11·6	4
April	9·6	−2·5	23·3	−13·3	33·3	−27·2	83	53	21	30	7	230	55	14·4	2
May	17·8	3·9	30·6	−3·9	36·7	−7·8	79	43	32	35	8	275	57	15·6	2
June	21·6	8·4	31·7	1·7	40·0	−1·7	81	46	62	55	11	272	55	16·3	2
July	26·4	11·8	35·6	6·1	40·0	2·8	84	44	56	79	11	336	67	16·1	1
August	24·7	10·4	33·9	3·3	37·8	−1·1	87	45	43	74	9	290	64	14·8	1
September	18·5	5·0	29·4	−3·9	35·0	−10·6	84	49	35	44	9	210	55	12·6	2
October	11·5	−1·1	23·3	−11·7	32·2	−21·7	82	60	19	17	6	170	52	11·3	4
November	−1·4	−10·3	11·1	−23·3	20·0	−33·9	88	79	17	15	8	103	39	9·1	7
December	−8·2	−17·2	4·4	−32·8	13·3	−40·0	87	85	16	21	8	85	36	7·4	8
Year	7·9	−4·0	36·1*	−38·3*	40·0	−46·1	85	62	344	79	99	2389	51	16·3	46
No. of Years	22	22	30	30	30	30	20	20	30	30	30	22	22	9	22

*Average of highest/lowest each year

Scott 52° 22′ N 108° 50′ W 660 m

Saskatchewan

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−12·4	−23·2	0·8	−38·1	6·7	−48·3	—	—	18	15	7	77	30	7·4	9
February	−10·3	−21·8	2·5	−38·1	11·7	−50·6	—	—	15	18	6	114	41	9·5	5
March	−3·1	−14·4	8·2	−30·6	18·3	−38·9	—	—	18	18	6	145	40	9·9	4
April	9·7	−3·7	22·7	−14·9	33·3	−30·6	—	—	22	25	6	205	49	14·2	3
May	17·7	2·1	29·1	−5·9	37·2	−12·2	—	—	39	52	8	261	54	14·8	2
June	21·0	6·2	30·9	−0·9	38·9	−5·6	—	—	57	62	11	252	51	15·0	2
July	25·8	9·4	34·0	3·2	37·8	−1·1	—	—	56	40	10	322	64	15·5	<1
August	24·1	7·8	32·8	0·7	36·1	−2·8	—	—	46	68	9	272	60	14·3	1
September	18·2	2·9	28·9	−6·2	33·9	−12·8	—	—	30	42	8	175	46	11·9	3
October	11·1	−3·1	23·3	−13·9	30·6	−25·6	—	—	20	31	5	151	46	9·9	5
November	−1·9	−11·8	11·0	−25·3	20·0	−36·7	—	—	19	20	7	84	32	9·2	9
December	−8·4	−18·4	4·1	−35·0	13·3	−45·0	—	—	19	20	6	62	26	7·0	11
Year	7·6	−5·7	35·1*	−41·8*	38·9	−50·6	—	—	359	68	89	2120	45	15·5	54
No. of Years	22	22	30	30	30	30	—	—	30	30	30	30	30	9	30

Swift Current 50° 17′ N 107° 41′ W 816 m

Saskatchewan

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1700							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−8·2	−18·0	5·6	−32·8	14·4	−42·8	84	83	21	13	12	94	36	8·0	8
February	−6·6	−16·3	6·7	−31·1	16·7	−47·8	86	81	16	15	10	119	43	9·5	4
March	−1·2	−10·4	12·2	−25·6	20·6	−35·6	88	75	19	34	10	147	40	10·6	4
April	9·6	−1·9	23·3	−12·2	33·3	−26·7	82	54	24	23	8	209	51	14·0	3
May	17·2	3·9	30·0	−4·4	36·7	−12·2	79	46	37	30	9	263	55	14·9	2
June	20·5	8·2	31·1	1·1	39·4	−2·2	83	52	77	56	12	262	54	16·3	2
July	26·0	11·8	35·0	5·6	40·6	1·1	80	46	54	58	9	346	70	15·6	1
August	24·6	10·4	34·4	3·3	38·9	−1·7	80	45	48	46	9	291	65	14·4	1
September	18·7	5·8	30·6	−3·3	36·1	−9·4	81	50	32	35	8	198	53	12·2	3
October	12·2	0·3	25·0	−11·1	31·7	−22·2	79	59	19	17	6	169	51	9·8	4
November	0·8	−8·4	13·9	−21·7	22·2	−31·1	83	78	19	18	9	106	40	9·2	7
December	−3·7	−13·2	8·3	−29·4	20·0	−39·4	84	83	18	12	10	86	34	7·5	8
Year	9·2	−2·3	36·1*	−36·1*	40·6	−47·8	82	63	384	58	112	2290	49	16·3	47
No. of Years	22	22	30	30	30	30	30	30	30	30	30	30	30	9	30

Waseca 53° 09′ N 109° 25′ W 640 m

Saskatchewan

Period 1931–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−12·6	−22·4	1·8	−37·5	8·9	−50·0	—	—	17	15	7	—	—	—	—
February	−9·8	−20·5	3·3	−36·2	10·0	−47·8	—	—	17	15	6	—	—	—	—
March	−2·6	−13·5	8·6	−30·2	15·6	−40·0	—	—	20	18	6	—	—	—	—
April	9·1	−2·9	21·9	−15·3	32·8	−30·0	—	—	24	25	5	—	—	—	—
May	17·4	3·1	28·6	−5·2	36·7	−11·1	—	—	36	69	7	—	—	—	—
June	20·5	6·7	29·4	−0·3	37·2	−5·6	—	—	62	43	10	—	—	—	—
July	24·7	9·9	32·8	3·6	37·2	0·0	—	—	65	60	10	—	—	—	—
August	22·7	8·2	31·2	1·1	35·0	−3·3	—	—	60	69	8	—	—	—	—
September	17·0	3·7	27·2	−5·0	32·2	−9·4	—	—	33	45	7	—	—	—	—
October	10·2	−2·1	22·1	−12·4	28·9	−23·9	—	—	25	43	5	—	—	—	—
November	−2·2	−11·0	9·8	−24·6	18·3	−32·2	—	—	23	20	7	—	—	—	—
December	−8·6	−17·9	3·9	−33·9	10·6	−42·2	—	—	22	28	7	—	—	—	—
Year	7·1	−4·9	33·7*	−40·5*	37·2	−50·0	—	—	404	69	85	—	—	—	—
No. of Years	22	22	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

CANADA

Whitesand 50° 18′ N 102° 15′ W 601 m Saskatchewan

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−19·0	−28·6	−5·0	−41·7	2·2	−46·7	—	—	20	13	6	—	—	—	—
February	−13·5	−26·3	−0·9	−40·4	6·1	−46·1	—	—	23	41	6	—	—	—	—
March	−3·9	−18·8	9·1	−35·2	13·9	−43·9	—	—	22	25	5	—	—	—	—
April	5·3	−8·4	16·7	−22·7	25·6	−33·3	—	—	23	20	6	—	—	—	—
May	13·5	−0·6	25·4	−9·2	34·4	−15·6	—	—	36	40	9	—	—	—	—
June	18·9	3·9	28·2	−2·1	32·2	−4·4	—	—	51	35	12	—	—	—	—
July	22·9	9·4	31·0	3·4	37·2	0·0	—	—	79	33	13	—	—	—	—
August	20·9	8·7	29·3	2·9	35·0	−0·6	—	—	56	22	13	—	—	—	—
September	13·6	3·7	23·3	−3·4	31·1	−7·8	—	—	51	46	12	—	—	—	—
October	5·3	−2·4	17·3	−11·8	23·3	−17·8	—	—	30	49	9	—	—	—	—
November	−7·1	−13·6	5·8	−28·6	13·3	−37·8	—	—	35	25	10	—	—	—	—
December	−16·2	−24·2	−2·6	−39·5	2·8	−43·3	—	—	25	18	7	—	—	—	—
Year	3·4	−8·1	32·2*	−42·9*	37·2	−46·7	—	—	451	49	108	—	—	—	—
No. of Years	16	16	17	17	17	17	—	—	17	17	17	—	—	—	—

Witchekan 53° 29′ N 107° 33′ W 579 m Saskatchewan

Period 1931–51 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	—	—	2·7	−42·9	11·1	−52·2	—	—	15	15	3	—	—	—	—
February	—	—	3·6	−40·4	11·1	−48·3	—	—	11	13	3	—	—	—	—
March	—	—	8·6	−32·2	14·4	−40·0	—	—	14	23	2	—	—	—	—
April	—	—	21·0	−18·8	32·2	−30·0	—	—	23	25	3	—	—	—	—
May	—	—	28·1	−6·5	37·8	−12·2	—	—	27	53	4	—	—	—	—
June	—	—	29·7	−1·9	36·7	−5·0	—	—	58	34	8	—	—	—	—
July	—	—	33·1	1·5	39·4	−3·3	—	—	58	59	7	—	—	—	—
August	—	—	32·3	−1·2	36·7	−7·8	—	—	47	54	5	—	—	—	—
September	—	—	28·0	−6·6	33·3	−12·2	—	—	34	61	5	—	—	—	—
October	—	—	23·3	−13·1	31·7	−20·6	—	—	21	26	3	—	—	—	—
November	—	—	10·0	−28·1	18·9	−38·9	—	—	20	20	3	—	—	—	—
December	—	—	4·6	−38·9	12·8	−46·1	—	—	20	15	3	—	—	—	—
Year	—	—	34·1*	−46·8*	39·4	−52·2	—	—	348	61	49	—	—	—	—
No. of Years	—	—	21	21	21	21	—	—	21	21	21	—	—	—	—

Yorkton 51° 16′ N 102° 28′ W 504 m Saskatchewan

Period 1942–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·5	−23·1	0·2	−36·3	6·7	−46·1	88	84	18	13	11	—	—	—	—
February	−9·6	−20·7	1·9	−34·5	7·8	−41·1	88	84	18	43	9	—	—	—	—
March	−3·7	−14·8	7·4	−29·3	18·3	−36·7	89	80	25	22	9	—	—	—	—
April	8·0	−3·1	19·9	−15·4	31·1	−27·2	85	64	23	30	7	—	—	—	—
May	16·3	3·5	28·5	−4·8	32·8	−8·9	80	51	38	28	8	—	—	—	—
June	20·6	8·4	30·0	1·5	35·6	−0·6	84	55	79	76	11	—	—	—	—
July	24·9	12·0	33·1	6·1	35·6	2·2	87	55	69	95	10	—	—	—	—
August	22·9	10·6	31·8	3·8	36·1	−0·6	89	57	63	91	9	—	—	—	—
September	16·9	5·1	27·8	−3·8	35·0	−12·2	83	61	43	45	8	—	—	—	—
October	10·6	−0·7	23·6	−10·1	29·4	−17·8	85	63	20	21	7	—	—	—	—
November	−2·3	−10·3	10·9	−23·8	19·4	−31·1	88	79	28	22	11	—	—	—	—
December	−9·4	−18·7	2·7	−33·0	5·6	−41·1	88	84	18	35	10	—	—	—	—
Year	6·8	−4·3	33·9*	−39·1*	36·1	−46·1	86	68	442	95	110	—	—	—	—
No. of Years	18	18	19	19	19	19	19	19	19	19	19	—	—	—	—

*Average of highest/lowest each year

Dawson 64° 04′ N 139° 26′ W 324 m

Yukon Territory

Period 1931–60 Bibliography 1, 6	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−23·7	−31·4	−7·8	−46·1	8·3	−54·4	78	80	21	20	9	—	—	—	—
February	−19·4	−28·4	−4·4	−42·8	8·9	−58·3	83	82	14	15	8	—	—	—	—
March	−7·7	−21·6	5·0	−37·2	11·1	−47·8	84	83	13	15	6	—	—	—	—
April	5·7	−8·6	13·9	−22·8	19·4	−40·6	75	61	8	16	5	—	—	—	—
May	15·0	1·2	23·9	−6·7	30·0	−13·3	66	49	25	51	9	—	—	—	—
June	21·2	6·5	28·3	0·6	35·0	−3·3	67	49	33	20	10	—	—	—	—
July	22·3	8·6	28·9	2·8	32·2	−0·6	73	55	50	53	13	—	—	—	—
August	18·8	6·2	26·1	−0·6	30·0	−4·4	81	60	49	47	13	—	—	—	—
September	11·6	1·2	19·4	−7·2	26·1	−12·2	85	67	31	19	10	—	—	—	—
October	0·4	−6·7	10·6	−18·3	16·7	−30·6	88	83	28	16	10	—	—	—	—
November	−13·2	−19·6	−1·1	−34·4	10·0	−45·6	86	85	27	27	11	—	—	—	—
December	−21·4	−28·4	−6·1	−42·8	12·8	−52·8	86	85	24	19	11	—	—	—	—
Year	0·8	−10·1	30·0*	−48·9*	35·0	−58·3	79	70	323	53	115	—	—	—	—
No. of Years	30	30	30	30	30	30	13	13	30	30	30	—	—	—	—

Fort Selkirk 62° 49′ N 137° 22′ W 454 m

Yukon Territory

Period 1951–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−21·7	−32·9	−2·5	−52·4	7·8	−58·9	—	—	19	11	10	—	—	—	—
February	−13·5	−28·3	0·4	−46·1	7·8	−56·1	—	—	13	11	7	—	—	—	—
March	−4·4	−21·9	8·0	−41·1	12·8	−50·0	—	—	10	11	6	—	—	—	—
April	6·6	−8·2	14·6	−21·7	23·3	−38·3	—	—	7	7	3	—	—	—	—
May	14·1	−0·4	23·7	−7·6	29·4	−12·2	—	—	19	20	8	—	—	—	—
June	20·2	5·1	27·3	−1·1	31·7	−2·8	—	—	37	27	12	—	—	—	—
July	22·1	7·6	28·4	1·3	31·7	−0·6	—	—	51	35	12	—	—	—	—
August	19·8	5·0	26·7	−2·2	30·6	−3·9	—	—	37	26	11	—	—	—	—
September	13·6	−0·4	22·0	−8·5	25·6	−14·4	—	—	21	17	8	—	—	—	—
October	3·1	−8·0	12·9	−20·2	20·0	−28·3	—	—	18	15	8	—	—	—	—
November	−11·1	−19·6	4·6	−40·2	10·0	−49·4	—	—	23	21	10	—	—	—	—
December	−21·6	−31·7	0·3	−49·9	12·8	−55·6	—	—	28	16	11	—	—	—	—
Year	2·3	−11·1	29·8*	−54·4*	31·7	−58·9	—	—	283	35	106	—	—	—	—
No. of Years	12	12	13	13	13	13	—	—	13	13	13	—	—	—	—

Haines Junction 60° 45′ N 137° 35′ W 619 m

Yukon Territory

Period 1958–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−14·5	−27·2	5·4	−45·0	8·9	−48·9	81	81	26	18	10	19	9	4·8	22
February	−7·1	−21·6	5·6	−36·2	7·8	−42·2	82	73	12	6	8	69	27	8·8	9
March	−3·6	−18·3	8·9	−33·6	15·6	−40·0	73	62	16	14	8	152	42	10·0	4
April	5·4	−7·4	11·7	−20·3	16·1	−30·6	65	51	9	6	5	219	50	14·2	1
May	12·4	−1·9	21·4	−8·9	26·7	−12·2	51	41	17	12	5	290	54	16·0	1
June	17·3	2·7	24·2	−3·0	26·7	−4·4	57	45	29	17	9	260	46	17·1	2
July	19·7	4·8	26·1	−1·9	28·9	−2·8	61	45	25	20	7	278	50	16·7	1
August	18·4	3·0	24·5	−4·4	28·3	−5·6	66	48	26	20	8	228	47	15·0	1
September	13·6	−0·6	20·5	−7·8	23·3	−11·1	74	52	37	14	10	153	40	12·3	3
October	4·1	−7·4	14·1	−21·1	18·9	−30·6	81	67	29	14	11	85	28	10·1	7
November	−7·9	−19·6	6·4	−35·2	10·6	−41·7	82	81	29	29	9	26	12	6·0	19
December	−13·2	−25·1	4·5	−43·2	6·7	−53·9	83	82	35	22	11	1	<1	3·1	31
Year	3·7	−9·9	27·6*	−47·3*	28·9	−53·9	71	61	290	29	101	1780	34	17·1	101
No. of Years	8	8	8	8	8	8	5	5	8	8	8	7	7	7	7

*Average of highest/lowest each year

CANADA

Mayo Landing 63° 36′ N 135° 53′ W 495 m Yukon Territory

Period 1931–60 Bibliography 1, 6	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−19·8	−30·6	0·0	−47·8	10·0	−58·3	86	85	19	36	8	—	—	—	—
February	−14·4	−27·2	0·6	−43·3	11·7	−55·0	81	80	13	16	6	—	—	—	—
March	−3·9	−19·1	6·7	−37·2	11·7	−48·9	81	75	10	16	5	—	—	—	—
April	5·9	−7·1	13·3	−21·7	20·0	−41·1	69	59	8	9	5	—	—	—	—
May	14·6	1·2	22·8	−6·1	31·7	−12·8	57	48	21	25	8	—	—	—	—
June	20·5	5·8	27·2	0·0	35·0	−3·3	57	47	30	24	10	—	—	—	—
July	21·9	7·4	28·3	1·1	35·6	−1·7	65	52	42	29	12	—	—	—	—
August	18·8	4·9	26·1	−2·8	30·0	−8·9	72	55	45	32	13	—	—	—	—
September	12·2	0·4	20·6	−8·9	26·7	−15·6	81	61	28	24	9	—	—	—	—
October	2·2	−6·4	12·2	−20·0	18·3	−36·7	84	75	25	22	8	—	—	—	—
November	−10·4	−19·3	3·9	−36·7	9·4	−50·6	87	86	24	15	9	—	—	—	—
December	−18·4	−28·2	−1·1	−44·4	11·1	−57·8	81	83	20	16	9	—	—	—	—
Year	2·4	−9·9	29·4*	−51·7*	35·6	−58·3	75	67	285	36	102	—	—	—	—
No. of Years	30	30	30	30	30	30	13	13	30	30	30	—	—	—	—

Shingle Point 68° 57′ N 137° 12′ W 37 m Yukon Territory

Period 1957–65 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−20·7	−31·9	−8·8	−45·0	1·7	−51·1	—	—	13	15	2	—	—	—	—
February	−19·9	−30·9	−7·4	−40·6	−2·8	−45·6	—	—	3	3	1	—	—	—	—
March	−18·6	−29·7	−7·6	−38·8	−1·7	−42·2	—	—	8	10	2	—	—	—	—
April	−11·8	−20·9	3·3	−32·9	7·8	−38·9	—	—	11	14	3	—	—	—	—
May	−1·0	−8·2	10·8	−22·0	17·8	−30·6	—	—	8	13	3	—	—	—	—
June	9·4	0·7	23·4	−5·3	28·3	−8·9	—		15	13	5	—	—	—	—
July	15·8	5·6	25·6	0·0	27·8	−6·7	—	—	44	28	9	—	—	—	—
August	14·1	4·8	23·5	−1·7	28·9	−4·4	—	—	38	34	8	—	—	—	—
September	5·4	−1·3	14·9	−8·0	18·3	−13·3	—	—	18	13	6	—	—	—	—
October	−6·0	−11·6	3·8	−24·1	10·0	−28·3	—	—	28	14	8	—	—	—	—
November	−15·3	−23·4	−5·1	−35·3	0·6	−42·2	—	—	10	18	4	—	—	—	—
December	−18·3	−28·9	−4·8	−39·8	1·7	−47·2	—	—	4	8	2	—	—	—	—
Year	−5·6	−14·6	26·5*	−46·1*	28·9	−51·1	—	—	200	34	53	—	—	—	—
No. of Years	9	9	9	9	9	9	—	—	7	7	7	—	—	—	—

Snag 62° 22′ N 140° 24′ W 587 m Yukon Territory

Period 1944–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−22·3	−33·3	−8·3	−48·9	2·2	−61·1	87	83	23	20	10	—	—	—	—
February	−20·3	−29·7	−0·6	−46·1	7·2	−62·8	86	78	23	14	9	—	—	—	—
March	−4·7	−22·4	6·1	−38·3	10·6	−51·1	82	70	16	19	8	—	—	—	—
April	4·8	−10·9	12·2	−28·3	22·2	−46·1	67	52	17	23	6	—	—	—	—
May	14·1	−0·7	22·8	−7·2	30·0	−14·4	57	44	29	29	8	—	—	—	—
June	19·6	4·9	26·7	−1·1	31·7	−5·0	61	46	51	53	12	—	—	—	—
July	20·7	6·9	27·8	0·6	31·7	−1·7	68	51	70	39	15	—	—	—	—
August	18·3	4·1	26·1	−3·3	30·6	−10·6	75	53	50	34	12	—	—	—	—
September	11·6	−1·0	20·6	−8·9	27·2	−18·9	81	59	28	25	8	—	—	—	—
October	0·2	−11·3	10·0	−25·0	15·0	−33·3	88	73	18	24	7	—	—	—	—
November	−13·8	−23·4	−1·7	−40·0	7·2	−52·8	86	85	23	9	10	—	—	—	—
December	−21·9	−31·7	−9·4	−46·7	4·4	−56·1	89	88	20	22	10	—	—	—	—
Year	0·5	−12·3	28·9*	−52·8*	31·7	−62·8	77	65	368	53	115	—	—	—	—
No. of Years	16	16	17	17	17	17	17	17	17	17	17	—	—	—	—

*Average of highest/lowest each year

Teslin 60° 10′ N 132° 45′ W 701 m

Yukon Territory

Period 1943–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900								
	degrees Celsius						per cent		millimetres			hours		hours	
January	−14·6	−23·9	1·9	−39·1	6·7	−52·8	86	—	28	32	14	—	—	—	—
February	−9·7	−20·3	3·1	−36·2	7·8	−46·7	85	—	18	12	11	—	—	—	—
March	−1·4	−22·8	6·6	−29·7	10·0	−41·1	77	—	20	15	9	—	—	—	—
April	4·5	−6·2	10·9	−17·6	20·0	−26·7	65	—	13	12	8	—	—	—	—
May	13·2	0·2	21·4	−6·6	28·3	−11·7	57	—	18	21	8	—	—	—	—
June	18·7	4·9	25·6	−1·3	31·7	−3·9	57	—	28	28	9	—	—	—	—
July	19·8	7·0	26·6	1·6	31·1	−1·1	63	—	36	38	11	—	—	—	—
August	17·7	5·2	25·4	−1·0	28·9	−3·9	70	—	36	24	12	—	—	—	—
September	12·7	2·2	20·8	−5·3	25·0	−10·0	76	—	36	25	12	—	—	—	—
October	4·7	−3·4	12·8	−13·5	18·3	−22·2	80	—	30	16	10	—	—	—	—
November	−4·9	−11·8	7·0	−23·9	10·0	−40·6	86	—	30	21	13	—	—	—	—
December	−11·2	−19·2	2·2	−34·3	7·2	−47·2	88	—	30	22	15	—	—	—	—
Year	4·1	−7·3	28·2*	−43·3*	31·7	−52·8	74	—	323	38	132	—	—	—	—
No. of Years	17	17	18	18	18	18	18	—	18	18	18	—	—	—	—

Watson Lake 60° 07′ N 128° 49′ W 685 m

Yukon Territory

Period 1939–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−18·7	−29·2	−1·1	−45·0	8·9	−58·9	84	83	35	26	14	—	—	—	—
February	−11·8	−25·2	2·8	−42·2	8·3	−55·0	85	78	27	16	12	—	—	—	—
March	−2·4	−17·9	7·2	−36·1	10·6	−46·7	77	65	24	15	11	—	—	—	—
April	5·9	−6·8	12·8	−20·0	20·0	−32·8	61	51	17	18	7	—	—	—	—
May	14·3	1·1	23·3	−5·6	30·6	−10·6	53	44	25	26	9	—	—	—	—
June	19·7	6·8	26·7	1·1	33·9	−3·3	57	47	49	45	12	—	—	—	—
July	21·3	8·7	28·3	3·3	33·3	1·7	60	49	52	41	13	—	—	—	—
August	19·3	6·5	27·2	0·0	32·2	−6·7	65	52	43	23	12	—	—	—	—
September	13·4	2·5	22·2	−5·0	27·8	−11·1	74	59	39	21	12	—	—	—	—
October	4·4	−3·9	13·3	−15·6	21·7	−30·0	78	68	37	16	12	—	—	—	—
November	−8·7	−17·2	5·0	−33·3	10·6	−46·7	86	82	42	18	16	—	—	—	—
December	−17·2	−26·4	−2·2	−40·6	7·8	−52·2	88	87	44	27	16	—	—	—	—
Year	3·2	−8·4	29·4*	−48·9*	33·9	−58·9	72	64	434	45	146	—	—	—	—
No. of Years	21	21	22	22	22	22	20	22	22	22	22	—	—	—	—

Whitehorse 60° 43′ N 135° 03′ W 636 m

Yukon Territory

Period 1941–60 Bibliography 1	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−12·8	−21·4	2·8	−39·4	8·3	−52·2	83	82	17	9	12	—	—	—	—
February	−8·8	−18·3	4·4	−36·7	10·0	−50·6	83	76	14	10	10	—	—	—	—
March	−1·6	−12·8	6·7	−29·4	10·6	−38·3	75	62	16	20	7	—	—	—	—
April	5·4	−5·2	11·7	−16·7	20·6	−26·1	59	47	10	14	5	—	—	—	—
May	13·6	1·2	21·7	−5·0	30·0	−8·3	51	41	13	12	5	—	—	—	—
June	17·7	7·6	26·7	0·0	31·7	−2·2	53	43	27	21	8	—	—	—	—
July	20·1	7·9	27·2	2·2	32·8	−1·7	59	47	34	21	11	—	—	—	—
August	18·2	6·5	26·1	−0·6	30·0	−8·3	67	50	36	31	10	—	—	—	—
September	12·7	2·9	21·1	−5·6	26·7	−10·0	73	55	27	22	9	—	—	—	—
October	4·6	−2·9	12·8	−15·0	18·9	−24·4	77	64	19	12	9	—	—	—	—
November	−5·3	−12·0	6·7	−28·9	10·6	−41·7	83	80	23	11	12	—	—	—	—
December	−11·0	−18·9	2·2	−36·1	8·3	−47·8	85	84	20	11	12	—	—	—	—
Year	4·4	−5·4	28·9*	−44·4*	32·8	−52·2	71	61	256	31	110	—	—	—	—
No. of Years	19	19	20	20	20	20	19	20	20	20	20	—	—	—	—

*Average of highest/lowest each year

GREENLAND

Angmagssalik 65° 37′ N 37° 38′ W 29 m

Period 1931−60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·0	−10·1	4·0	−18·4	6·6	−28·7	78	77	61	49	11	—	—	—	—
February	−4·1	−10·7	3·7	−19·9	9·0	−26·0	78	78	76	67	11	—	—	—	—
March	−1·7	−9·5	5·5	−18·6	8·5	−22·5	76	75	62	32	11	—	—	—	—
April	1·7	−6·9	7·3	−14·5	12·2	−20·3	78	77	53	83	10	—	—	—	—
May	6·1	−1·3	11·8	−7·3	17·9	−13·7	78	75	54	45	9	—	—	—	—
June	9·7	2·0	16·0	−2·5	25·3	−8·6	76	71	39	37	8	—	—	—	—
July	11·6	3·6	17·2	0·1	22·9	−3·5	76	70	39	59	7	—	—	—	—
August	10·6	3·4	15·6	−0·5	19·9	−3·5	79	72	57	45	8	—	—	—	—
September	7·2	1·3	13·0	−2·4	20·2	−7·1	78	72	84	79	11	—	—	—	—
October	2·3	−2·5	8·9	−8·6	14·9	−18·3	80	78	91	71	12	—	—	—	—
November	−0·6	−5·5	6·1	−12·3	10·2	−18·1	80	78	89	70	12	—	—	—	—
December	−2·5	−8·1	4·6	−15·6	7·2	−21·9	79	78	66	84	11	—	—	—	—
Year	3·0	−3·7	18·6*	−20·9*	25·3	−28·7	78	75	771	84	121	—	—	—	—
No. of Years	30	28	29	28	29	28	29	29	29	29	29	—	—	—	—

'Eismitte' 70° 55′ N 40° 38′ W 2993 m

Period 1930−31 1949−51 Bibliography 10, 11	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−33·0	−43·4	−15·0	−56·8	−11·7	−64·4	80	80	—	—	—	0	—	0·0	31
February	−36·5	−47·7	−19·7	−63·6	−15·4	−64·8	77	77	—	—	—	49	25	6·7	19
March	−32·6	−44·5	−14·5	−62·0	−13·3	−64·8	78	79	—	—	—	199	56	11·8	3
April	−26·6	−41·5	−12·9	−56·8	−12·3	−59·1	82	81	—	—	—	315	64	15·8	0
May	−13·8	−26·9	−8·3	−44·9	−7·3	−46·4	88	83	—	—	—	399	54	23·2	0
June	−9·8	−21·0	−2·3	−31·1	0·7	−33·3	84	78	—	—	—	472	66	24·0	0
July	−7·6	−18·5	−3·5	−27·8	−2·6	−28·6	90	84	—	—	—	305	41	24·0	1
August	−10·7	−22·7	−3·7	−34·7	−1·9	−34·9	85	82	—	—	—	318	55	18·0	0
September	−18·2	−30·2	−10·5	−41·5	−8·5	−45·9	84	85	—	—	—	244	60	14·4	1
October	−25·9	−37·8	−13·9	−51·4	−9·0	−56·1	80	81	—	—	—	131	47	10·0	1
November	−30·3	−43·0	−15·9	−57·2	−10·3	−58·6	79	79	—	—	—	11	12	4·0	25
December	−33·0	−43·7	−19·1	−60·4	−17·8	−64·5	78	78	—	—	—	0	—	0·0	31
Year	−23·2	−35·1	−1·5*	−64·7*	0·7	−64·8	82	81	—	—	—	2443	53	24·0	112
No. of Years	3	3	3	3	3	3	1	1	—	—	—	1	1	1	1

Godhavn 69° 15′ N 53° 31′ W 8 m

Period 1931−45 1950−60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·7	−15·7	3·6	−24·8	9·0	−33·2	77	78	12	17	6	—	—	—	—
February	−10·7	−18·4	3·6	−26·1	8·8	−32·0	78	79	24	33	6	—	—	—	—
March	−9·6	−17·2	2·9	−25·5	9·7	−33·8	79	81	13	22	4	—	—	—	—
April	−4·6	−12·1	4·2	−19·9	10·8	−25·5	82	83	15	17	5	—	—	—	—
May	3·4	−3·5	11·7	−8·9	18·3	−17·5	86	85	30	40	6	—	—	—	—
June	8·4	2·3	15·6	−1·5	19·3	−6·7	84	79	33	39	5	—	—	—	—
July	11·1	5·0	15·9	1·3	17·8	−0·7	83	80	46	39	6	—	—	—	—
August	10·0	4·9	14·6	2·2	17·6	−0·2	83	79	46	48	7	—	—	—	—
September	5·9	1·3	11·8	−2·6	14·8	−6·1	81	79	60	102	8	—	—	—	—
October	0·5	−4·0	8·8	−9·0	14·6	−12·1	87	86	54	54	9	—	—	—	—
November	−2·9	−7·8	4·5	−13·6	7·6	−18·7	85	86	35	31	9	—	—	—	—
December	−6·2	−11·8	3·6	−17·7	8·0	−26·7	85	85	21	21	8	—	—	—	—
Year	−0·4	−6·4	17·0*	−28·4*	19·3	−33·8	83	82	389	102	79	—	—	—	—
No. of Years	19	20	20	20	20	20	9	9	25	25	25	—	—	—	—

*Average of highest/lowest each year

GREENLAND

Godthåb 64° 11′ N 51° 43′ W 20 m

Period 1931–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−4·9	−11·5	5·4	−18·0	12·0	−25·2	89	90	27	49	7	—	—	—	—
February	−4·3	−10·9	5·7	−18·1	11·6	−26·0	90	92	23	31	6	—	—	—	—
March	−3·0	−9·7	5·9	−17·3	14·2	−25·2	91	93	17	49	5	—	—	—	—
April	−0·1	−6·6	7·2	−13·7	13·4	−22·0	92	93	25	32	5	—	—	—	—
May	5·4	−1·6	12·8	−6·8	18·5	−17·8	95	94	30	41	6	—	—	—	—
June	9·6	1·5	17·9	−1·6	23·0	−5·0	93	93	49	71	7	—	—	—	—
July	11·5	3·3	17·2	0·1	20·2	−6·0	96	96	58	35	9	—	—	—	—
August	10·5	3·1	15·6	0·2	19·0	−5·2	96	97	70	81	10	—	—	—	—
September	6·9	0·7	12·7	−3·0	20·4	−7·4	95	96	80	67	12	—	—	—	—
October	2·0	−3·6	9·0	−9·0	14·9	−13·9	94	96	75	63	11	—	—	—	—
November	−1·1	−6·9	5·9	−12·7	12·0	−16·0	92	93	47	74	9	—	—	—	—
December	−3·5	−9·7	5·9	−16·5	12·2	−23·0	88	89	25	44	7	—	—	—	—
Year	2·4	−4·3	19·3*	−20·4*	23·0	−26·0	93	93	526	81	94	—	—	—	—
No. of Years	30	30	30	26	30	26	6	6	30	29	30	—	—	—	—

Igaliko 60° 59′ N 45° 30′ W 7 m

Period 1935–46 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−0·7	−8·5	8·5	−17·1	11·5	−23·2	—	—	32	34	7	—	—	—	—
February	−0·2	−8·7	10·4	−18·7	15·0	−27·6	—	—	41	58	8	—	—	—	—
March	1·9	−6·0	10·5	−15·1	13·2	−21·1	—	—	34	31	8	—	—	—	—
April	3·9	−2·8	11·9	−10·4	17·0	−16·8	—	—	48	54	8	—	—	—	—
May	9·5	1·7	16·9	−4·7	19·0	−13·5	—	—	36	39	7	—	—	—	—
June	12·1	4·3	18·1	0·0	20·4	−2·5	—	—	94	140	8	—	—	—	—
July	13·8	6·6	21·1	2·7	30·2	−1·5	—	—	87	81	9	—	—	—	—
August	12·9	6·1	18·3	2·7	21·5	1·4	—	—	95	63	11	—	—	—	—
September	9·4	3·3	16·1	−1·4	20·0	−3·3	—	—	118	65	13	—	—	—	—
October	4·9	−1·0	13·3	−7·3	16·3	−9·3	—	—	119	96	12	—	—	—	—
November	1·6	−5·0	11·2	−12·3	16·4	−16·1	—	—	67	108	10	—	—	—	—
December	0·4	−7·2	10·9	−15·4	15·3	−19·1	—	—	45	53	7	—	—	—	—
Year	5·8	−1·4	21·4*	−20·5*	30·2	−27·6	—	—	816	140	108	—	—	—	—
No. of Years	10	12	10	12	10	12	—	—	12	12	12	—	—	—	—

Ivigtut 61° 12′ N 48° 10′ W 30 m

Period 1931–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−2·2	−8·6	7·9	−16·4	13·6	−21·8	52	52	90	72	11	—	—	—	—
February	−1·2	−8·2	8·3	−16·2	14·5	−22·2	50	48	117	169	12	—	—	—	—
March	0·5	−6·6	9·2	−14·9	14·0	−23·4	49	46	79	59	10	—	—	—	—
April	3·8	−3·2	11·5	−11·2	16·5	−19·1	51	50	72	80	9	—	—	—	—
May	9·0	1·4	16·0	−3·8	19·5	−11·0	54	50	90	60	9	—	—	—	—
June	12·7	4·3	18·8	0·7	23·1	−2·6	58	49	90	168	8	—	—	—	—
July	14·1	5·9	19·4	2·7	22·4	1·4	67	55	81	73	9	—	—	—	—
August	12·8	5·4	17·5	1·9	19·2	−0·6	67	56	99	75	11	—	—	—	—
September	9·4	3·0	15·9	−1·3	21·0	−3·8	65	57	165	89	12	—	—	—	—
October	4·6	−1·2	12·0	−6·7	17·0	−9·8	57	52	164	128	12	—	—	—	—
November	1·0	−4·6	9·4	−10·9	17·0	−16·4	58	53	140	99	12	—	—	—	—
December	−1·0	−7·3	8·6	−14·5	15·5	−18·3	48	49	75	73	10	—	—	—	—
Year	5·3	−1·7	20·3*	−18·7*	23·1	−23·4	56	51	1262	169	125	—	—	—	—
No. of Years	30	30	30	30	30	30	12	12	30	30	30	—	—	—	—

*Average of highest/lowest each year

GREENLAND

Jakobshavn 69° 13′ N 51° 06′ W 47 m

Period 1931–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·7	−17·0	2·4	−26·6	9·9	−36·0	—	—	10	11	9	—	—	—	—
February	−10·1	−18·1	4·0	−27·9	9·1	−34·8	—	—	13	13	9	—	—	—	—
March	−8·8	−17·4	3·4	−27·2	10·2	−36·4	—	—	13	22	9	—	—	—	—
April	−3·7	−12·6	5·7	−21·2	12·3	−28·2	—	—	15	16	10	—	—	—	—
May	4·2	−2·9	12·8	−10·7	17·1	−20·5	—	—	18	16	8	—	—	—	—
June	9·2	2·6	17·4	−1·4	20·8	−5·8	—	—	19	43	6	—	—	—	—
July	11·6	4·8	16·7	1·4	19·4	0·0	—	—	32	39	7	—	—	—	—
August	9·8	3·6	15·7	0·0	19·8	−3·2	—	—	32	34	8	—	—	—	—
September	5·3	−0·6	13·2	−6·3	17·0	−11·1	—	—	41	24	11	—	—	—	—
October	−0·5	−6·5	8·7	−13·5	14·9	−19·4	—	—	32	27	11	—	—	—	—
November	−4·3	−10·9	5·3	−18·7	10·0	−26·5	—	—	21	29	11	—	—	—	—
December	−7·6	−14·3	3·5	−22·1	8·2	−28·8	—	—	17	32	9	—	—	—	—
Year	−0·4	−7·4	18·1*	−30·2*	20·8	−36·4	—	—	263	43	108	—	—	—	—
No. of Years	29	28	29	28	29	28	—	—	30	30	30	—	—	—	—

Jørgen Brønlunds Fjord 82° 10′ N 30° 30′ W 5 m

Period 1948–50 Bibliography 12	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−27·7	−34·1	−16·3	−39·3	−15·2	−39·4	76	77	1	1	2	—	—	—	—
February	−26·2	−32·1	−15·8	−40·7	−14·4	−43·0	81	81	5	5	5	—	—	—	—
March	−23·7	−30·3	−13·7	−39·5	−9·6	−43·5	77	75	1	2	3	—	—	—	—
April	−18·7	−25·3	−9·1	−35·2	−9·0	−37·6	75	70	1	<1	3	—	—	—	—
May	−5·1	−10·6	6·9	−18·3	9·5	−19·7	69	63	0	<1	<1	—	—	—	—
June	4·9	0·3	13·0	−4·7	16·5	−5·5	77	71	6	4	2	—	—	—	—
July	8·9	3·9	15·7	0·4	16·4	0·0	72	67	5	4	3	—	—	—	—
August	5·9	1·3	17·5	−3·7	18·0	−5·1	75	67	6	2	3	—	—	—	—
September	−2·9	−7·5	5·7	−15·6	6·0	−16·3	71	66	14	7	2	—	—	—	—
October	−16·9	−20·9	−10·4	−27·7	−9·0	−29·3	72	72	14	10	3	—	—	—	—
November	−21·6	−27·1	−11·5	−35·2	−8·7	−35·7	75	75	4	1	4	—	—	—	—
December	−25·3	−29·9	−17·3	−37·5	−12·4	−41·3	72	72	1	2	1	—	—	—	—
Year	−12·4	−17·7	17·5*	−41·4*	18·0	−43·5	74	71	58	10	31	—	—	—	—
No. of Years	2	2	2	2	2	2	2	2	2	2	2	—	—	—	—

Myggbukta 73° 29′ N 21° 34′ W 2 m

Period 1931–39 1946–58 Bibliography 8, 9	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1930							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−16·6	−25·4	−3·3	−38·3	1·2	−50·9	77	76	44	61	10	—	—	—	—
February	−17·9	−27·3	−1·9	−40·2	5·0	−47·5	77	76	30	43	8	—	—	—	—
March	−15·8	−26·4	−3·1	−38·2	7·1	−47·5	77	74	25	46	9	—	—	—	—
April	−9·6	−22·2	0·4	−33·7	7·0	−37·7	79	73	15	35	8	—	—	—	—
May	−1·1	−10·1	6·2	−21·7	12·4	−30·2	85	79	9	19	7	—	—	—	—
June	4·0	−1·1	13·5	−5·8	22·1	−10·3	85	83	14	38	6	—	—	—	—
July	6·4	1·4	15·4	−2·4	21·2	−6·3	87	83	20	26	7	—	—	—	—
August	6·1	0·2	14·4	−3·7	20·3	−6·7	85	81	29	45	7	—	—	—	—
September	1·4	−4·6	9·3	−13·9	14·5	−24·7	78	74	21	30	6	—	—	—	—
October	−6·7	−13·6	2·6	−23·7	10·2	−30·3	76	75	23	29	9	—	—	—	—
November	−11·7	−20·7	−1·3	−31·7	7·0	−42·5	78	77	31	28	9	—	—	—	—
December	−13·9	−23·3	−3·9	−35·3	3·2	−42·5	78	78	39	43	10	—	—	—	—
Year	−6·3	−14·4	17·4*	−42·3*	22·1	−50·9	80	77	300	46	96	—	—	—	—
No. of Years	18	20	21	21	21	21	21	21	21	21	21	—	—	—	—

*Average of highest/lowest each year

GREENLAND

Nanortalik 60° 08′ N 45° 11′ W 7 m

Period 1932–46 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·9	−5·7	7·0	−12·1	11·5	−17·2	—	—	64	42	12	—	—	—	—
February	−0·1	−5·3	7·6	−10·8	11·6	−13·4	—	—	71	61	11	—	—	—	—
March	0·9	−4·7	6·4	−9·8	10·5	−14·3	—	—	41	25	10	—	—	—	—
April	3·8	−2·4	10·4	−8·6	15·0	−14·3	—	—	59	40	9	—	—	—	—
May	7·5	0·7	13·6	−3·0	16·7	−6·5	—	—	45	27	9	—	—	—	—
June	9·4	1·8	15·8	−1·8	20·1	−3·1	—	—	80	104	9	—	—	—	—
July	10·7	2·8	15·5	−0·2	18·5	−2·9	—	—	53	30	10	—	—	—	—
August	10·7	4·0	16·0	0·9	17·1	−0·7	—	—	95	51	12	—	—	—	—
September	8·7	2·7	14·7	−0·5	16·7	−2·8	—	—	112	62	13	—	—	—	—
October	5·1	0·4	12·1	−3·6	14·7	−6·0	—	—	126	73	14	—	—	—	—
November	2·2	−2·5	9·6	−7·6	13·7	−10·7	—	—	80	69	12	—	—	—	—
December	1·0	−4·3	8·9	−10·1	17·4	−13·2	—	—	54	38	10	—	—	—	—
Year	4·9	−1·0	17·8*	−13·1*	20·1	−17·2	—	—	880	104	131	—	—	—	—
No. of Years	10	11	10	11	10	11	—	—	13	13	13	—	—	—	—

Neriunaq 64° 28′ N 50° 24′ W 7 m

Period 1938–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·5	−14·6	5·9	−25·0	11·0	−30·5	—	—	10	12	5	—	—	—	—
February	−6·3	−14·9	5·2	−24·7	12·5	−32·0	—	—	10	21	5	—	—	—	—
March	−4·1	−13·0	7·4	−23·2	10·6	−30·5	—	—	6	9	4	—	—	—	—
April	0·4	−8·1	9·2	−16·7	16·5	−23·5	—	—	12	34	4	—	—	—	—
May	8·7	−0·8	15·9	−8·1	19·0	−13·5	—	—	13	15	5	—	—	—	—
June	13·8	3·4	20·0	−0·6	25·0	−4·5	—	—	21	21	4	—	—	—	—
July	14·5	4·8	19·2	2·0	21·5	−0·5	—	—	37	32	6	—	—	—	—
August	12·7	3·9	17·7	0·1	21·0	−2·0	—	—	41	37	7	—	—	—	—
September	7·7	−0·2	15·0	−5·7	20·0	−13·5	—	—	40	42	9	—	—	—	—
October	1·8	−5·6	10·1	−12·5	18·0	−22·0	—	—	30	30	7	—	—	—	—
November	−2·8	−10·1	7·3	−17·9	12·5	−22·5	—	—	17	24	5	—	—	—	—
December	−5·4	−13·5	6·2	−22·3	10·5	−31·0	—	—	18	20	5	—	—	—	—
Year	2·9	−5·7	19·7*	−27·8*	25·0	−32·0	—	—	255	42	66	—	—	—	—
No. of Years	22	22	22	22	22	22	—	—	22	22	21	—	—	—	—

Nord 81° 36′ N 16° 40′ W 2 m

Period 1952–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−24·4	−33·8	−9·6	−44·1	−2·0	−50·6	75	75	15	29	10	—	—	—	—
February	−25·8	−35·5	−6·9	−46·4	−0·1	−51·1	72	72	13	23	8	—	—	—	—
March	−27·0	−35·9	−16·3	−45·2	−4·4	−49·6	70	70	9	10	9	—	—	—	—
April	−20·1	−28·9	−9·2	−40·0	−3·6	−43·3	69	68	8	5	7	—	—	—	—
May	−8·1	−15·2	−0·6	−25·6	5·8	−38·4	76	73	3	3	5	—	—	—	—
June	2·1	−3·0	8·1	−9·2	13·6	−12·6	81	79	4	6	4	—	—	—	—
July	7·0	0·9	12·7	−2·5	16·3	−5·3	79	75	11	14	4	—	—	—	—
August	3·7	−0·5	10·3	−6·6	15·0	−9·7	85	82	26	19	9	—	—	—	—
September	−5·3	−11·5	2·0	−22·6	7·2	−27·0	85	84	21	18	10	—	—	—	—
October	−15·4	−22·2	−5·5	−33·7	1·0	−38·5	81	81	15	9	13	—	—	—	—
November	−19·8	−28·3	−8·5	−37·4	3·5	−40·7	77	77	25	33	12	—	—	—	—
December	−22·9	−31·7	−8·7	−42·0	4·2	−45·0	75	76	10	8	11	—	—	—	—
Year	13·0	−20·5	13·0*	−47·5*	16·3	−51·1	77	76	160	33	102	—	—	—	—
No. of Years	9	9	9	9	9	9	9	9	9	9	9	—	—	—	—

*Average of highest/lowest each year

GREENLAND

'Northice' 78° 04′ N 38° 29′ W 2343 m

Period 1952–54 Bibliography 13	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	-36·3	-45·6	-18·5	-61·5	-18·0	-66·0	—	—	<1	—	0	—	—	—	—
February	-37·4	-46·8	-20·5	-56·0	-19·0	-63·0	—	—	3	—	2	—	—	—	—
March	-38·5	-47·3	-23·0	-59·0	-22·0	-62·0	—	—	<1	—	0	—	—	—	—
April	-26·9	-37·3	-14·5	-46·5	-13·0	-47·0	—	—	<1	—	0	—	—	—	—
May	-15·9	-25·7	-8·5	-37·0	-6·0	-38·0	—	—	2	—	5	—	—	—	—
June	-8·3	-17·5	-1·5	-26·0	-1·0	-28·0	—	—	4	—	7	—	—	—	—
July	-6·7	-13·9	-1·0	-23·0	-1·0	-23·0	—	—	2	—	4	—	—	—	—
August	-9·6	-17·1	-3·0	-25·0	-3·0	-25·0	—	—	1	—	2	—	—	—	—
September	-21·8	-30·6	-11·0	-44·0	-11·0	-44·0	—	—	—	—	—	—	—	—	—
October	-32·3	-40·8	-19·0	-49·0	-19·0	-49·0	—	—	<1	—	0	—	—	—	—
November	-35·2	-44·4	-22·0	-57·5	-20·0	-61·0	—	—	<1	—	0	—	—	—	—
December	-37·3	-46·4	-23·0	-55·5	-18·0	-59·0	—	—	<1	—	0	—	—	—	—
Year	-25·5	-34·5	-1·0*	-64·5*	-1·0	-66·0	—	—	12	—	20	—	—	—	—
No. of Years	2	2	2	2	1	2	—	—	2	—	2	—	—	—	—

Scoresbysund/Cap Tobin 70° 25′ N 21° 58′ W 42 m

Period 1949–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	-12·3	-19·8	-2·0	-32·5	4·6	-40·0	74	73	29	19	10	—	—	—	—
February	-12·7	-20·0	-0·7	-30·9	7·4	-41·6	73	75	32	28	8	—	—	—	—
March	-12·9	-20·8	-3·1	-32·3	0·6	-37·8	78	76	26	17	9	—	—	—	—
April	-8·5	-16·9	-0·2	-27·4	4·7	-32·5	73	78	25	24	9	—	—	—	—
May	-1·0	-8·1	5·2	-19·1	8·2	-25·6	83	85	10	13	4	—	—	—	—
June	3·0	-2·0	9·1	-5·4	11·2	-8·0	86	85	21	34	4	—	—	—	—
July	5·2	0·1	10·6	-2·9	16·1	-4·4	87	85	26	27	5	—	—	—	—
August	5·7	0·1	10·8	-3·3	14·1	-5·0	85	80	33	31	6	—	—	—	—
September	2·0	-2·1	7·4	-6·7	10·5	-11·5	86	87	57	51	8	—	—	—	—
October	-3·4	-7·7	3·3	-14·4	7·1	-20·5	86	85	49	114	11	—	—	—	—
November	-7·7	-13·1	0·1	-22·0	3·6	-30·6	82	80	76	140	11	—	—	—	—
December	-11·1	-17·3	-1·9	-27·9	5·5	-34·1	79	84	59	70	12	—	—	—	—
Year	-4·5	-10·6	11·7*	-35·4*	16·1	-41·6	81	81	443	140	97	—	—	—	—
No. of Years	12	12	12	12	12	12	8	8	12	12	12	—	—	—	—

Thule 77° 29′ N 69° 10′ W 44 m

Period 1955–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	-16·6	-25·0	-0·8	-32·7	5·7	-35·4	74	74	3	2	4	—	—	—	—
February	-17·1	-25·6	-1·7	-33·0	5·0	-38·7	73	72	5	7	4	—	—	—	—
March	-20·0	-28·2	-5·4	-34·8	1·3	-39·6	79	78	3	3	4	—	—	—	—
April	-12·0	-21·1	-0·9	-23·6	1·6	-29·6	69	69	2	2	3	—	—	—	—
May	-0·1	-8·3	6·3	-17·4	9·3	-21·2	72	73	5	3	4	—	—	—	—
June	7·7	0·1	15·2	-4·2	18·1	-6·1	77	80	5	6	4	—	—	—	—
July	10·4	3·2	15·4	-1·0	17·5	-2·2	82	80	30	24	6	—	—	—	—
August	8·3	3·8	13·5	-0·3	17·1	-1·6	78	76	9	9	4	—	—	—	—
September	0·9	-3·2	5·8	-8·3	9·8	-12·3	69	70	13	11	4	—	—	—	—
October	-4·3	-8·5	4·5	-14·5	5·5	-18·8	71	70	10	9	6	—	—	—	—
November	-11·6	-17·1	1·1	-24·1	5·8	-27·2	74	74	5	4	5	—	—	—	—
December	-16·2	-22·3	-7·7	-28·4	-4·5	-30·0	70	71	3	2	4	—	—	—	—
Year	-5·9	-12·7	15·9*	-35·8*	18·1	-39·6	74	74	93	24	52	—	—	—	—
No. of Years	6	6	6	6	6	6	4	4	6	6	6	—	—	—	—

*Average of highest/lowest each year

GREENLAND

Torgilsbu 60° 32′ N 43° 11′ W 24 m

Period 1932–40 Bibliography 8	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·1	−6·1	3·3	−12·8	5·2	−20·0	66	64	151	96	15	—	—	—	20
February	−3·1	−7·1	3·7	−14·4	6·2	−26·2	69	66	224	123	15	—	—	—	13
March	−1·2	−6·1	3·6	−13·1	5·9	−20·1	69	67	124	36	14	—	—	—	13
April	2·1	−3·3	7·3	−9·5	9·2	−15·9	72	69	118	64	13	—	—	—	9
May	4·4	0·5	9·3	−4·7	11·8	−8·7	78	75	235	61	18	—	—	—	14
June	7·8	3·0	16·5	−0·7	22·4	−2·6	78	72	159	69	13	—	—	—	7
July	9·4	4·5	16·7	1·1	20·5	−0·6	83	76	71	36	11	—	—	—	10
August	9·5	4·7	18·7	1·4	21·6	−0·8	81	73	96	43	12	—	—	—	10
September	7·5	3·3	14·6	−0·9	18·2	−4·0	77	72	239	104	14	—	—	—	12
October	3·7	0·1	11·5	−2·8	14·0	−4·4	70	67	192	128	13	—	—	—	12
November	−0·1	−2·5	5·0	−7·0	8·2	−10·1	69	67	156	67	14	—	—	—	17
December	−1·5	−4·2	4·0	−9·8	6·6	−11·2	69	67	165	42	15	—	—	—	23
Year	2·9	−1·1	19·6*	−17·4*	22·4	−26·2	73	70	1930	128	167	—	—	—	160
No. of Years	8	8	8	8	8	8	8	8	8	4	8	—	—	—	4

Umanak 70° 41′ N 52° 08′ W 25 m

Period 1931–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·3	−15·6	2·4	−24·8	9·2	−33·9	76	76	24	17	8	—	—	—	—
February	−11·9	−18·2	3·9	−27·5	10·0	−35·0	73	72	16	16	6	—	—	—	—
March	−11·1	−17·9	3·0	−27·6	10·5	−35·2	74	74	13	11	6	—	—	—	—
April	−7·0	−14·2	3·5	−22·4	9·5	−30·0	78	79	13	9	6	—	—	—	—
May	2·6	−3·8	11·1	−12·8	14·3	−23·2	80	77	11	11	5	—	—	—	—
June	8·0	2·0	15·0	−2·4	18·0	−7·0	74	70	11	17	3	—	—	—	—
July	10·9	5·3	15·8	1·6	18·0	−1·5	73	70	11	13	4	—	—	—	—
August	9·5	4·7	13·8	1·5	16·3	−2·2	74	70	12	19	4	—	—	—	—
September	4·6	0·9	11·1	−3·5	16·0	−8·4	78	75	21	19	7	—	—	—	—
October	0·0	−3·7	8·6	−9·2	17·0	−15·6	82	81	19	22	6	—	—	—	—
November	−3·6	−7·4	5·4	−13·3	11·0	−20·6	83	82	25	13	8	—	—	—	—
December	−7·4	−11·4	3·2	−17·8	9·2	−26·8	79	78	25	24	8	—	—	—	—
Year	−1·3	−6·6	16·3*	−29·6*	18·0	−35·2	77	75	201	24	71	—	—	—	—
No. of Years	30	30	30	30	30	30	25	25	30	30	30	—	—	—	—

Upernavik 72° 47′ N 56° 09′ W 35 m

Period 1931–60 Bibliography 7	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−13·4	−20·1	−0·2	−29·3	8·0	−38·0	71	71	8	6	8	—	—	—	—
February	−15·7	−23·4	−1·4	−31·9	9·9	−40·0	73	74	13	15	7	—	—	—	—
March	−14·6	−23·5	−0·3	−31·9	11·5	−40·0	69	74	8	14	6	—	—	—	—
April	−8·4	−17·4	1·7	−26·1	8·0	−35·4	75	79	9	14	7	—	—	—	—
May	0·9	−6·2	8·2	−13·8	18·0	−25·0	88	89	9	18	6	—	—	—	—
June	6·3	−0·6	13·3	−4·7	16·0	−13·0	87	88	9	13	4	—	—	—	—
July	9·5	2·3	15·4	−1·3	19·0	−7·0	86	87	19	33	5	—	—	—	—
August	8·8	2·5	13·5	−0·6	16·5	−9·0	87	87	22	27	5	—	—	—	—
September	3·7	−1·3	9·5	−5·6	14·7	−13·0	85	86	28	35	8	—	—	—	—
October	−1·2	−6·1	5·5	−11·1	9·0	−17·0	87	87	21	29	11	—	—	—	—
November	−5·1	−10·5	2·8	−16·2	8·0	−25·0	84	84	17	37	10	—	—	—	—
December	−10·1	−15·8	−0·5	−22·6	7·4	−34·0	75	75	12	10	9	—	—	—	—
Year	−3·3	−10·0	15·6*	−34·0*	19·0	−40·0	81	82	175	37	86	—	—	—	—
No. of Years	28	28	28	28	28	28	8	8	26	26	24	—	—	—	—

*Average of highest/lowest each year

MEXICO

Acapulco 16° 50′ N 99° 56′ W 3 m

Period 1931–42 1951–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	30·6	22·2	32·2	19·9	34·4	16·6	77	8	14	<1	271	—	—	—
February	30·5	22·1	32·0	20·5	33·2	18·0	76	1	23	<1	265	—	—	—
March	30·5	22·2	32·5	20·2	34·4	18·5	74	<1	8	<1	277	—	—	—
April	30·8	22·8	32·8	20·6	34·8	18·2	76	1	6	<1	231	—	—	—
May	31·7	24·4	33·9	22·0	35·4	20·0	75	39	147	2	225	—	—	—
June	31·9	25·0	34·0	22·4	35·5	20·9	77	277	228	12	198	—	—	—
July	32·2	24·7	34·0	22·5	35·3	21·5	77	282	208	15	215	—	—	—
August	32·5	24·9	34·2	22·5	36·0	21·0	78	222	142	14	222	—	—	—
September	31·8	24·7	33·8	22·6	35·0	21·5	81	384	235	17	165	—	—	—
October	31·9	24·5	33·6	22·7	36·3	21·4	80	157	117	10	230	—	—	—
November	31·6	23·6	33·0	21·4	34·3	19·4	78	34	201	1	268	—	—	—
December	30·9	22·8	32·5	20·1	34·0	17·0	78	11	33	1	271	—	—	—
Year	31·4	23·7	34·6*	18·7*	36·3	16·6	77	1416	235	72	2838	—	—	—
No. of Years	17	17	17	17	17	17	12	21	16	11	11	—	—	—

Campeche 19° 51′ N 90° 32′ W 5 m

Period 1931–42 1951–65 Bibliography 14, 15, 16, 17, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	26·3	18·8	30·4	14·7	32·2	11·4	78	19	29	3	164	—	—	—
February	27·5	19·2	32·3	15·4	35·3	10·6	75	11	25	2	196	—	—	—
March	29·7	20·5	34·9	16·2	37·7	11·0	73	17	36	1	166	—	—	—
April	31·2	22·3	35·9	18·7	37·7	14·6	73	9	46	2	154	—	—	—
May	31·7	23·7	35·7	21·1	39·0	16·8	75	74	76	4	177	—	—	—
June	31·9	24·4	35·3	22·6	39·0	18·0	79	193	139	11	149	—	—	—
July	31·2	23·8	33·8	21·8	37·0	17·2	80	206	88	16	173	—	—	—
August	30·9	23·8	33·2	22·1	34·2	17·0	81	193	77	16	216	—	—	—
September	30·2	24·1	32·7	22·4	37·7	17·5	83	225	82	15	153	—	—	—
October	29·1	22·8	31·8	20·0	37·5	14·4	80	111	59	6	203	—	—	—
November	27·4	21·1	30·4	17·8	32·2	14·2	80	51	75	4	158	—	—	—
December	26·5	19·4	30·1	15·3	31·5	10·0	82	19	44	2	154	—	—	—
Year	29·5	22·0	36·6*	13·2*	39·0	10·0	78	1128	139	82	2063	—	—	—
No. of Years	13	13	13	13	13	13	8	17	13	7	7	—	—	—

Chihuahua 28° 38′ N 106° 04′ W 1423 m

Period 1932–65 Bibliography 14, 15, 16, 21, 22	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	17·7	1·9	24·6	−4·5	28·0	−12·8	53	11	25	2	186	—	—	—
February	20·4	3·4	27·6	−2·6	31·2	−8·6	42	2	10	1	215	—	—	—
March	24·3	6·8	30·2	−1·5	33·2	−5·3	36	2	7	1	249	—	—	—
April	28·4	10·7	33·1	2·7	35·0	−1·5	29	2	12	1	263	—	—	—
May	32·4	15·0	36·6	8·6	39·5	3·8	29	10	16	3	284	—	—	—
June	34·1	18·8	38·4	13·7	41·2	10·0	38	31	32	5	275	—	—	—
July	32·4	18·4	36·5	15·8	39·2	14·0	53	78	63	10	254	—	—	—
August	31·5	18·1	35·6	14·8	39·0	13·0	59	78	72	11	230	—	—	—
September	29·4	15·9	33·4	11·1	36·0	6·0	60	68	51	8	230	—	—	—
October	27·5	10·9	31·6	5·0	34·5	1·5	54	19	46	4	241	—	—	—
November	22·1	5·9	28·5	−0·3	30·9	−5·3	55	10	15	3	206	—	—	—
December	18·9	2·3	25·5	−4·3	28·0	−14·5	56	9	15	3	173	—	—	—
Year	26·6	10·7	38·8*	−6·5*	41·2	−12·8	47	320	72	52	2806	—	—	—
No. of Years	15	15	15	15	15	15	8	25	15	8	13	—	—	—

*Average of highest/lowest each year

MEXICO

Ciudad de México/Tacubaya 19° 24′ N 99° 11′ W 2309 m

Period 1931–65 Bibliography 14, 15, 16	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	21·3	4·5	24·5	0·2	26·0	−4·1	78	32	8	11	2	225	—	10·6	—
February	23·4	5·6	26·8	1·0	28·8	−4·4	74	29	4	18	3	227	—	11·2	—
March	25·5	7·4	29·4	3·1	31·4	−4·0	67	23	9	26	4	263	—	12·0	—
April	26·6	8·9	30·5	5·1	33·4	−0·6	64	26	23	39	6	244	—	12·3	—
May	26·4	10·3	30·3	6·9	33·6	3·7	69	34	57	23	14	241	—	12·3	—
June	25·0	11·3	29·0	8·2	31·6	4·5	77	41	111	67	17	211	—	14·4	—
July	23·4	11·0	26·2	8·7	28·5	7·2	84	50	160	49	22	193	—	12·3	—
August	23·5	11·0	25·8	8·6	28·4	6·4	88	55	149	51	22	198	—	12·2	—
September	22·5	10·8	25·6	7·5	27·7	3·7	89	58	119	58	20	167	—	11·0	—
October	22·2	8·9	25·3	4·5	27·0	1·8	87	48	46	53	11	194	—	11·7	—
November	21·4	6·4	24·8	1·8	27·5	−3·0	85	38	16	17	3	209	—	11·1	—
December	20·8	4·8	23·9	1·0	25·7	−3·0	85	36	7	15	3	226	—	10·6	—
Year	23·5	8·4	31·0*	−1·6*	33·6	−4·4	79	39	709	67	127	2598	—	14·4	—
No. of Years	18	18	18	18	18	18	7	7	30	18	13	13	—	7	—

Ciudad Lerdo 25° 30′ N 103° 32′ W 1140 m

Period 1931–42 1951–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						per cent	millimetres			hours		hours	
January	21·3	5·5	28·6	−2·8	31·0	−10·5	46	4	10	1	—	—	—	—
February	23·5	7·2	30·5	−0·1	33·5	−4·5	43	6	12	2	—	—	—	—
March	27·5	9·3	33·6	1·5	36·0	−3·5	38	2	4	1	—	—	—	—
April	31·0	13·3	35·7	5·9	38·5	2·0	37	4	36	1	—	—	—	—
May	33·5	16·8	37·8	11·3	39·5	7·4	41	18	26	4	—	—	—	—
June	34·2	19·0	38·2	15·5	40·8	13·0	44	23	46	4	—	—	—	—
July	32·9	19·7	35·9	17·1	40·2	15·5	52	33	43	6	—	—	—	—
August	32·5	19·2	35·2	16·5	36·5	14·5	54	41	52	7	—	—	—	—
September	30·5	17·7	33·9	13·8	36·0	9·5	56	46	73	6	—	—	—	—
October	28·5	13·8	32·7	8·6	34·5	4·5	56	37	67	3	—	—	—	—
November	24·8	8·6	31·0	2·2	34·0	−2·0	52	6	14	1	—	—	—	—
December	21·5	6·3	28·4	1·1	31·4	−6·0	53	9	25	3	—	—	—	—
Year	28·5	13·0	38·9*	4·4*	40·8	−10·5	48	229	73	39	—	—	—	—
No. of Years	17	17	17	17	17	17	11	21	17	11	—	—	—	—

Comitán 16° 15′ N 92° 07′ W 1635 m

Period 1931–42 1960–65 Bibliography 14, 15, 16	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						per cent	millimetres			hours		hours	
January	23·3	8·9	27·1	5·2	29·0	1·5	81	7	20	1	221	—	—	—
February	24·5	9·4	28·5	5·5	31·0	2·5	80	8	24	1	225	—	—	—
March	26·1	10·6	30·5	6·5	34·0	2·5	78	15	41	2	242	—	—	—
April	27·6	11·6	31·2	9·0	36·2	7·0	78	22	28	3	223	—	—	—
May	27·1	12·5	31·1	9·7	35·0	7·0	81	125	75	12	208	—	—	—
June	25·3	13·2	28·6	11·3	32·0	9·0	84	234	72	15	174	—	—	—
July	24·9	12·7	27·4	10·8	31·4	8·0	82	134	60	11	205	—	—	—
August	25·7	12·6	28·0	10·7	32·0	8·0	82	107	100	10	220	—	—	—
September	24·8	12·7	27·6	10·5	30·6	7·0	84	268	90	17	171	—	—	—
October	24·0	11·9	26·6	7·9	32·0	4·0	85	112	51	10	188	—	—	—
November	23·0	9·6	26·3	5·4	28·0	1·5	83	16	33	2	209	—	—	—
December	23·0	8·8	26·6	5·3	29·0	1·5	83	12	27	2	217	—	—	—
Year	24·9	11·2	32·0*	3·6*	36·2	1·5	82	1060	100	86	2503	—	—	—
No. of Years	17	17	17	17	17	17	12	17	17	11	12	—	—	—

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*Average of highest/lowest each year

MEXICO

Culiacan 24° 48′ N 107° 24′ W 53 m

Period 1931–42 1960–65 Bibliography 14, 15, 16	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	27·6	11·9	32·3	7·1	35·1	3·6	69	20	41	2	183	—	—	—
February	29·0	12·0	33·5	7·6	35·8	4·3	65	9	26	2	176	—	—	—
March	31·2	13·0	35·9	8·6	39·5	6·2	59	1	5	<1	209	—	—	—
April	33·3	15·5	37·0	11·3	40·4	9·2	56	2	17	<1	206	—	—	—
May	35·1	19·1	38·4	14·8	40·4	11·2	59	2	9	<1	255	—	—	—
June	35·5	23·3	38·7	19·0	41·2	16·6	66	25	77	3	224	—	—	—
July	35·0	24·3	38·4	21·9	39·8	20·0	75	176	105	15	193	—	—	—
August	34·2	23·9	37·5	21·6	40·4	19·0	80	196	98	16	196	—	—	—
September	33·9	23·8	36·6	21·2	40·7	19·0	81	139	123	11	186	—	—	—
October	34·2	21·5	37·2	17·8	39·4	15·4	74	30	81	2	240	—	—	—
November	32·1	16·7	35·2	12·0	39·2	7·4	69	13	75	2	207	—	—	—
December	28·9	13·6	33·1	8·7	35·8	5·5	69	50	145	3	173	—	—	—
Year	32·5	18·2	39·6*	6·0*	41·2	3·6	69	663	145	56	2448	—	—	—
No. of Years	17	17	17	17	17	17	12	17	17	11	12	—	—	—

Durango 24° 01′ N 104° 40′ W 1898 m

Period 1931–42 1960–65 Bibliography 14, 15, 16	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	19·5	4·2	24·1	−2·4	27·0	−7·7	54	13	41	2	—	—	—	—
February	20·9	5·6	25·8	−0·5	28·5	−5·0	48	8	20	1	—	—	—	—
March	24·0	7·4	28·1	0·9	30·2	−3·0	42	<1	3	<1	—	—	—	—
April	26·5	9·9	29·9	4·3	34·5	0·0	39	3	14	<1	—	—	—	—
May	29·1	13·0	32·2	9·3	34·0	7·0	45	13	31	3	—	—	—	—
June	29·8	15·3	33·3	12·1	35·5	9·0	52	57	41	8	—	—	—	—
July	26·9	14·8	29·9	12·3	32·0	7·4	66	126	47	15	—	—	—	—
August	26·5	14·5	29·5	12·4	31·5	11·0	66	96	35	16	—	—	—	—
September	25·4	13·7	28·2	10·4	29·5	7·5	65	85	54	11	—	—	—	—
October	24·8	10·7	28·2	6·0	30·8	2·0	59	27	35	5	—	—	—	—
November	22·7	7·8	26·9	2·5	29·0	−1·5	57	12	33	2	—	—	—	—
December	19·7	5·5	24·1	−0·7	26·0	−2·2	60	20	46	4	—	—	—	—
Year	24·7	10·2	33·5*	−4·2*	35·5	−7·7	54	460	54	67	—	—	—	—
No. of Years	15	15	15	15	15	15	10	15	15	9	—	—	—	—

Guadalajara 20° 41′ N 103° 20′ W 1589 m

Period 1931–42 1951–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	23·2	6·8	27·3	1·7	29·0	−4·7	57	16	33	3	186	—	—	—
February	25·1	7·0	28·8	2·3	31·0	−1·9	52	4	26	2	209	—	—	—
March	27·8	8·7	31·2	4·0	33·4	−1·0	42	5	25	1	260	—	—	—
April	30·3	10·7	33·1	6·4	39·0	2·4	36	5	17	1	251	—	—	—
May	31·7	13·6	34·3	9·7	39·0	5·4	41	28	34	3	263	—	—	—
June	29·4	15·8	33·3	12·7	37·0	9·9	58	159	70	14	211	—	—	—
July	25·8	15·5	28·7	13·1	31·1	11·8	75	263	69	21	188	—	—	—
August	25·9	15·3	28·3	13·1	30·2	11·2	76	212	66	21	200	—	—	—
September	25·4	15·0	27·8	12·0	29·5	6·4	77	152	55	17	174	—	—	—
October	25·8	12·4	27·7	8·0	30·8	5·3	70	51	59	7	209	—	—	—
November	25·4	9·0	28·2	4·3	30·6	−2·8	62	13	27	3	217	—	—	—
December	24·0	7·2	27·1	2·0	28·9	−2·7	59	6	53	1	202	—	—	—
Year	26·7	11·4	34·7*	0·0*	39·0	−4·7	59	914	70	94	2570	—	—	—
No. of Years	16	16	16	16	16	16	11	20	16	10	11	—	—	—

*Average of highest/lowest each year

MEXICO

Guaymas 27° 55′ N 110° 53′ W 4 m

Period 1931–65 Bibliography 14, 15, 16, 19	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	22·8	12·9	27·8	8·5	33·5	3·2	54	12	53	3	213	—	—	—
February	24·0	14·1	29·3	9·7	35·0	6·1	51	7	11	2	208	—	—	—
March	26·6	15·6	31·7	11·8	34·9	8·0	46	3	5	1	246	—	—	—
April	29·1	18·1	34·8	14·2	38·4	12·4	48	1	12	1	273	—	—	—
May	32·5	21·0	37·6	16·8	41·3	13·5	49	<1	<1	<1	310	—	—	—
June	34·2	24·5	38·0	20·0	39·9	18·0	58	3	15	1	308	—	—	—
July	35·5	27·5	39·2	23·3	42·0	20·8	65	38	93	6	269	—	—	—
August	35·3	27·1	38·8	23·1	40·8	20·5	68	60	74	9	254	—	—	—
September	34·9	26·5	38·2	22·4	40·2	17·7	66	51	152	5	245	—	—	—
October	32·7	22·9	37·3	18·7	40·0	15·2	53	23	63	1	267	—	—	—
November	28·2	18·3	33·4	13·3	37·5	9·0	48	7	19	1	227	—	—	—
December	24·3	15·0	29·4	10·3	32·5	6·0	55	17	55	2	199	—	—	—
Year	30·0	20·3	40·0*	7·7*	42·0	3·2	55	222	152	32	3019	—	—	—
No. of Years	17	17	17	17	17	17	11	30	17	12	11	—	—	—

Hermosillo 29° 05′ N 110° 58′ W 211 m

Period 1931–65 Bibliography 14, 15, 16, 19	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	23·0	8·1	29·4	3·5	33·4	0·5	—	15	53	—	—	—	—	—
February	24·9	8·6	31·4	4·2	38·0	0·6	—	9	12	—	—	—	—	—
March	27·8	10·0	34·9	5·9	37·0	2·6	—	4	20	—	—	—	—	—
April	33·6	13·6	40·0	8·8	44·0	6·5	—	3	7	—	—	—	—	—
May	36·1	17·6	41·2	13·7	43·5	10·8	—	<1	<1	—	—	—	—	—
June	39·6	20·2	43·5	14·8	47·0	11·0	—	4	16	—	—	—	—	—
July	39·4	25·0	43·8	21·6	46·5	17·0	—	63	52	—	—	—	—	—
August	37·7	24·7	42·2	20·7	43·8	16·5	—	82	160	—	—	—	—	—
September	37·0	23·4	41·0	18·1	44·0	15·0	—	26	126	—	—	—	—	—
October	34·8	17·7	40·6	12·5	43·4	5·0	—	14	36	—	—	—	—	—
November	28·5	12·2	34·0	7·4	36·7	4·8	—	4	11	—	—	—	—	—
December	24·8	9·3	31·6	3·7	35·8	0·0	—	10	62	—	—	—	—	—
Year	32·3	15·9	44·3*	1·8*	47·0	0·0	—	234	160	—	—	—	—	—
No. of Years	11	11	11	11	11	11	—	24	12	—	—	—	—	—

La Paz 24° 10′ N 110° 12′ W 18 m

Period 1931–65 Bibliography 14, 15, 16, 18	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	21·5	13·4	24·4	9·7	27·6	3·0	69	16	67	1	—	—	—	—
February	22·9	13·5	27·5	10·3	31·4	4·0	67	6	21	1	—	—	—	—
March	26·3	14·4	30·6	11·1	35·2	4·0	63	1	1	<1	—	—	—	—
April	29·0	16·5	33·6	13·1	39·0	6·8	63	1	3	<1	—	—	—	—
May	31·0	18·5	35·4	14·8	40·0	8·0	63	<1	<1	0	—	—	—	—
June	32·8	19·7	36·3	15·7	40·0	8·0	61	3	12	<1	—	—	—	—
July	34·9	24·2	37·1	21·1	43·1	13·6	62	12	30	2	—	—	—	—
August	34·3	24·4	37·1	22·0	41·0	16·0	67	54	77	4	—	—	—	—
September	33·3	23·9	36·2	20·7	40·0	13·6	69	80	169	6	—	—	—	—
October	31·4	21·1	34·6	17·1	37·2	11·0	66	11	75	1	—	—	—	—
November	27·2	18·1	30·5	14·4	34·0	6·6	68	9	60	2	—	—	—	—
December	23·6	15·0	26·6	11·0	30·4	5·0	69	21	38	2	—	—	—	—
Year	29·0	18·6	38·1*	8·8*	43·1	3·0	66	214	169	19	—	—	—	—
No. of Years	16	16	16	16	16	16	10	29	16	11	—	—	—	—

*Average of highest/lowest each year

MEXICO

Leon 21° 07′ N 101° 41′ W 1809 m

Period 1931–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	23·5	6·7	27·2	1·5	29·9	−2·3	52	12	22	3	172	—	—	—
February	25·0	7·7	29·0	3·2	32·0	−2·0	48	3	23	2	199	—	—	—
March	27·5	9·5	31·0	4·6	32·5	−1·0	41	4	16	2	209	—	—	—
April	29·6	11·6	32·7	7·4	35·0	5·0	38	.7	29	2	190	—	—	—
May	31·0	13·9	34·2	10·6	36·6	9·4	43	28	18	4	170	—	—	—
June	29·8	14·9	34·1	12·5	36·3	10·8	53	104	63	10	165	—	—	—
July	27·7	14·4	31·3	12·2	37·3	9·1	63	141	80	15	135	—	—	—
August	27·5	14·0	30·5	11·3	34·5	9·1	66	145	80	15	179	—	—	—
September	26·6	13·6	29·7	10·2	31·0	5·7	66	109	71	11	164	—	—	—
October	26·6	11·3	29·9	6·6	33·4	2·5	59	43	34	7	209	—	—	—
November	25·5	8·3	29·0	3·2	31·4	−1·0	54	13	50	2	207	—	—	—
December	23·8	7·0	27·7	1·9	30·6	−2·1	52	9	20	2	194	—	—	—
Year	27·0	11·1	34·8*	−0·5*	37·3	−2·3	53	618	80	75	2193	—	—	—
No. of Years	17	17	17	17	17	17	12	29	17	11	12	—	—	—

Manzanillo 19° 04′ N 104° 20′ W 8 m

Period 1936–42 1960–65 Bibliography 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	30·5	20·2	33·0	17·8	35·0	15·6	—	8	5	1	—	—	—	—
February	30·0	19·5	32·8	16·9	36·3	15·0	—	9	22	<1	—	—	—	—
March	30·0	19·3	32·9	16·3	36·5	14·1	—	1	2	<1	—	—	—	—
April	30·7	20·2	33·2	17·0	36·7	13·2	—	6	6	0	—	—	—	—
May	31·8	21·9	34·4	19·0	38·2	17·5	—	11	3	<1	—	—	—	—
June	32·5	24·4	34·9	21·7	39·5	18·5	—	147	176	7	—	—	—	—
July	33·5	25·0	35·6	22·9	39·4	22·1	—	160	201	10	—	—	—	—
August	33·8	24·8	35·8	23·0	39·6	21·3	—	202	141	9	—	—	—	—
September	32·6	24·4	35·2	22·5	39·0	21·5	—	335	233	12	—	—	—	—
October	33·2	25·2	35·1	22·6	38·4	21·4	—	149	90	6	—	—	—	—
November	32·3	23·0	34·2	20·8	37·8	18·2	—	23	61	1	—	—	—	—
December	31·0	21·2	33·1	18·5	35·2	15·9	—	9	54	1	—	—	—	—
Year	31·8	22·4	36·2*	15·3*	39·6	13·2	—	1060	233	47	—	—	—	—
No. of Years	13	13	13	13	13	13	—	17	13	8	—	—	—	—

Mazatlán 23° 11′ N 106° 25′ W 78 m

Period 1931–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	22·1	16·1	24·7	13·1	29·0	8·0	77	13	65	2	191	—	—	—
February	22·3	16·1	24·7	12·8	28·4	5·9	78	6	24	2	192	—	—	—
March	23·1	16·7	25·5	13·7	28·5	7·3	79	3	5	<1	240	—	—	—
April	25·0	18·4	27·7	15·8	32·6	9·9	79	1	7	<1	242	—	—	—
May	27·1	21·0	29·5	17·6	32·5	11·6	80	1	2	<1	273	—	—	—
June	29·1	24·4	31·1	21·3	33·2	13·0	78	32	80	4	251	—	—	—
July	30·2	25·1	31·8	21·8	34·0	20·2	80	188	148	15	212	—	—	—
August	30·3	25·0	32·1	21·2	34·0	16·0	81	229	214	15	211	—	—	—
September	29·9	24·7	31·4	21·6	33·4	16·8	83	249	179	13	191	—	—	—
October	29·4	24·3	30·9	21·6	32·5	18·2	79	58	95	4	255	—	—	—
November	26·7	21·0	29·1	18·3	30·8	11·4	76	17	35	2	219	—	—	—
December	23·8	18·1	26·2	14·1	28·0	9·1	77	15	39	2	190	—	—	—
Year	26·6	20·9	32·3*	12·0*	34·0	5·9	79	812	214	59	2667	—	—	—
No. of Years	17	17	17	17	17	17	12	29	17	12	12	—	—	—

*Average of highest/lowest each year

MEXICO

Mérida 20° 58′ N 89° 38′ W 22 m

Period 1931–65 Bibliography 15, 16, 17, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	27·6	18·7	31·2	14·4	34·0	11·6	74	28	68	4	154	—	—	—
February	29·2	19·0	33·6	14·8	35·0	10·6	71	25	102	4	153	—	—	—
March	30·9	20·2	35·3	15·4	37·2	11·0	67	17	41	3	181	—	—	—
April	32·5	21·6	36·4	17·4	38·6	14·2	67	21	49	3	184	—	—	—
May	32·8	22·6	36·4	19·5	40·2	17·4	70	85	139	6	210	—	—	—
June	32·5	23·4	35·0	21·7	36·6	20·4	77	137	66	13	194	—	—	—
July	32·2	23·2	33·9	21·4	35·8	18·0	79	129	66	15	195	—	—	—
August	32·2	23·3	33·7	21·7	35·0	19·4	79	149	189	13	194	—	—	—
September	31·6	23·3	33·6	21·8	35·4	20·0	81	183	77	17	164	—	—	—
October	30·0	22·2	32·5	19·5	34·0	17·2	79	94	69	10	167	—	—	—
November	28·2	20·3	31·3	16·4	32·6	13·4	76	34	66	6	136	—	—	—
December	27·5	18·9	31·2	15·0	33·4	13·0	76	35	68	6	140	—	—	—
Year	30·6	21·4	37·1*	13·4*	40·2	10·6	75	937	189	100	2072	—	—	—
No. of Years	17	17	17	17	17	17	12	29	21	21	12	—	—	—

Monterrey 25° 40′ N 100° 18′ W 534 m

Period 1931–65 Bibliography 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	19·7	9·7	29·8	1·4	33·2	−6·0	66	17	42	6	144	—	—	—
February	22·5	11·1	32·1	2·8	37·0	−3·5	64	17	22	5	146	—	—	—
March	26·0	14·1	35·5	6·8	37·6	0·4	55	11	46	4	188	—	—	—
April	29·8	17·6	38·4	10·6	43·5	8·2	61	27	37	6	160	—	—	—
May	30·9	20·5	37·5	15·7	41·3	11·7	66	36	47	7	179	—	—	—
June	33·2	22·3	37·1	19·6	40·0	15·5	62	49	79	6	228	—	—	—
July	33·6	22·7	37·2	20·8	39·7	19·8	66	59	73	8	208	—	—	—
August	33·1	22·6	36·8	20·6	39·0	18·7	67	119	291	9	197	—	—	—
September	30·1	21·4	34·8	17·6	38·0	13·6	73	156	170	10	170	—	—	—
October	27·2	18·0	32·2	13·1	35·3	9·2	70	93	113	6	171	—	—	—
November	23·1	13·8	31·5	6·9	35·4	4·0	68	23	45	6	151	—	—	—
December	19·7	10·3	29·6	3·0	34·3	−0·2	66	13	21	6	130	—	—	—
Year	27·4	17·0	39·8*	−0·1*	43·5	−6·0	65	520	291	79	2072	—	—	—
No. of Years	13	13	13	13	13	13	8	24	13	8	8	—	—	—

Morelia 19° 42′ N 101° 07′ W 1923 m

Period 1931–42 1951–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	20·9	7·6	24·1	3·9	25·8	1·4	57	14	20	3	230	—	—	—
February	22·7	8·5	25·7	4·9	27·6	0·8	53	6	22	2	224	—	—	—
March	24·8	10·4	27·8	6·4	30·0	2·4	46	6	24	3	239	—	—	—
April	26·3	12·3	29·2	8·8	31·4	6·6	41	20	18	3	228	—	—	—
May	27·1	14·3	30·1	11·2	31·8	10·0	48	42	30	7	217	—	—	—
June	25·5	15·2	29·3	13·0	31·5	11·4	62	131	59	17	188	—	—	—
July	23·1	14·5	26·3	12·5	28·4	10·5	73	179	55	23	173	—	—	—
August	23·1	14·3	25·8	12·2	27·7	10·0	73	164	52	22	193	—	—	—
September	22·7	14·0	25·1	11·2	26·6	8·6	73	131	61	16	174	—	—	—
October	22·6	12·2	25·2	8·8	27·5	4·9	69	57	32	11	203	—	—	—
November	22·0	9·4	24·9	5·2	26·4	1·6	65	19	37	3	221	—	—	—
December	21·0	7·7	23·8	3·8	25·5	1·2	61	8	15	3	207	—	—	—
Year	23·5	11·7	30·4*	2·2*	31·8	0·8	60	777	61	113	2497	—	—	—
No. of Years	17	17	17	17	17	17	12	21	17	11	12	—	—	—

*Average of highest/lowest each year

MEXICO

Oaxaca 17° 04′ N 96° 43′ W 1563 m

Period 1931–55 1961–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	27·5	8·8	31·5	4·7	34·5	2·5	60	3	12	1	230	—	—	—
February	29·5	9·9	33·1	5·2	36·0	1·0	58	3	17	1	218	—	—	—
March	31·2	12·0	34·8	7·7	38·5	3·5	56	11	26	2	239	—	—	—
April	32·4	13·8	35·5	10·0	38·0	5·0	55	32	49	6	204	—	—	—
May	31·4	14·4	34·9	11·8	37·0	10·0	61	80	46	10	202	—	—	—
June	29·0	15·6	33·5	13·4	37·0	11·0	67	128	84	15	153	—	—	—
July	27·8	15·1	31·4	12·5	35·0	9·0	68	102	80	16	165	—	—	—
August	28·3	14·7	31·4	12·3	34·5	10·5	68	93	60	16	157	—	—	—
September	27·2	14·9	30·4	12·5	31·5	9·4	71	141	48	19	133	—	—	—
October	27·5	13·0	30·9	9·6	33·5	7·0	66	44	32	7	191	—	—	—
November	27·0	10·2	31·0	5·6	33·0	3·0	62	9	17	2	220	—	—	—
December	27·3	9·0	30·8	5·0	32·5	1·6	61	4	12	1	231	—	—	—
Year	28·8	12·6	36·2*	3·3*	38·5	1·0	63	650	84	96	2343	—	—	—
No. of Years	16	16	16	16	16	16	11	24	16	10	11	—	—	—

Rio Verde 21° 56′ N 99° 59′ W 987 m

Period 1931–42 1960–65 Bibliography 14, 15, 16	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	22·8	9·8	31·0	1·4	33·9	−3·8	70	13	24	2	142	—	—	—
February	26·1	10·6	33·5	3·7	37·5	−1·6	67	5	9	1	159	—	—	—
March	29·3	12·1	37·2	4·1	39·2	−1·5	61	6	32	1	185	—	—	—
April	32·1	15·1	38·5	8·0	41·8	3·0	60	20	52	3	180	—	—	—
May	32·9	17·6	38·1	13·2	42·6	11·2	65	45	44	5	205	—	—	—
June	32·1	18·5	37·5	15·3	40·4	12·5	66	69	54	6	209	—	—	—
July	30·3	18·2	34·8	15·7	38·8	14·1	72	76	49	9	196	—	—	—
August	31·0	18·0	34·7	15·3	38·8	13·0	71	57	56	8	202	—	—	—
September	28·6	17·6	33·3	13·7	39·0	9·8	77	100	57	11	148	—	—	—
October	27·1	15·2	32·2	9·4	37·0	5·0	74	33	46	6	173	—	—	—
November	24·4	12·3	30·9	4·6	33·6	0·0	73	13	14	3	149	—	—	—
December	23·1	10·3	29·7	3·3	32·0	−0·4	71	11	26	2	165	—	—	—
Year	28·3	14·6	39·6*	−0·3*	42·6	−3·8	69	448	57	57	2113	—	—	—
No. of Years	17	17	17	17	17	17	12	17	17	11	12	—	—	—

Salina Cruz 16° 12′ N 95° 12′ W 56 m

Period 1931–65 Bibliography 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	29·7	21·0	32·3	17·3	34·5	12·6	61	5	14	<1	270	—	—	—
February	30·1	21·2	32·9	18·3	35·0	13·6	63	4	35	1	254	—	—	—
March	30·6	22·3	34·2	19·2	36·5	16·3	65	2	7	1	278	—	—	—
April	31·9	23·9	35·8	20·7	38·2	18·0	65	1	2	1	253	—	—	—
May	33·5	25·0	36·7	22·5	39·6	20·0	65	41	87	3	234	—	—	—
June	32·4	24·0	35·9	21·3	38·7	19·0	72	263	202	12	173	—	—	—
July	32·2	23·9	34·7	21·5	38·0	19·7	71	212	174	12	204	—	—	—
August	32·6	24·0	35·1	21·5	37·5	18·8	71	172	199	10	216	—	—	—
September	31·6	23·4	34·2	21·5	38·0	20·0	74	247	287	12	167	—	—	—
October	31·4	23·1	33·6	20·7	36·2	18·0	65	91	80	4	237	—	—	—
November	30·3	22·1	33·2	19·6	35·7	16·7	58	9	108	1	258	—	—	—
December	30·2	21·2	32·8	18·2	34·2	13·2	59	4	19	1	268	—	—	—
Year	31·3	22·9	36·9*	16·6*	39·6	12·6	66	1051	287	58	2812	—	—	—
No. of Years	17	17	17	17	17	17	12	29	17	12	11	—	—	—

*Average of highest/lowest each year

MEXICO

Tampico 22° 12′ N 97° 51′ W 20 m

Period 1931–42 1951–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	22·4	14·8	29·2	6·7	33·8	0·0	81	40	119	6	—	—	—	—
February	23·9	15·9	29·8	8·8	36·2	4·5	80	17	37	4	—	—	—	—
March	25·5	17·4	31·6	11·2	39·3	6·0	79	13	17	5	—	—	—	—
April	28·1	20·4	33·7	14·9	39·8	10·9	79	25	29	5	—	—	—	—
May	30·1	22·6	33·3	19·2	39·3	15·0	79	37	94	6	—	—	—	—
June	31·3	23·7	33·8	21·2	37·8	17·5	79	135	94	9	—	—	—	—
July	31·5	23·8	33·7	21·3	35·0	17·6	79	184	193	11	—	—	—	—
August	31·8	23·9	34·2	21·4	36·5	18·5	80	139	226	11	—	—	—	—
September	30·9	23·1	33·6	19·9	37·4	17·6	79	307	128	14	—	—	—	—
October	29·5	21·4	32·8	16·6	37·0	11·0	78	129	95	9	—	—	—	—
November	26·1	17·7	30·6	11·6	32·5	5·9	76	51	81	7	—	—	—	—
December	24·0	15·6	28·7	9·2	33·5	2·9	79	23	59	6	—	—	—	—
Year	27·9	20·0	36·5*	5·7*	39·8	0·0	79	1100	226	93	—	—	—	—
No. of Years	17	17	17	17	17	17	12	21	17	11	—	—	—	—

Tapachula 14° 54′ N 92° 16′ W 168 m

Period 1931–42 1951–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	33·1	17·3	34·6	15·6	35·6	13·7	66	8	33	2	191	—	—	—
February	33·7	17·7	35·3	15·7	37·2	13·8	63	4	13	2	180	—	—	—
March	34·3	18·8	36·0	16·9	38·0	14·6	65	34	57	5	174	—	—	—
April	34·4	19·9	36·2	18·1	37·5	16·2	68	101	84	9	144	—	—	—
May	33·5	20·1	35·5	18·4	37·4	16·4	67	260	82	19	160	—	—	—
June	31·7	19·2	34·2	17·7	35·4	15·2	80	443	213	24	132	—	—	—
July	32·2	18·9	34·0	17·6	35·0	15·7	78	370	123	23	167	—	—	—
August	32·4	18·9	34·2	17·8	35·2	16·1	78	353	135	24	168	—	—	—
September	31·4	18·9	33·5	17·7	34·5	15·8	81	478	193	25	122	—	—	—
October	31·5	18·8	33·3	17·1	34·0	15·6	80	419	135	23	155	—	—	—
November	31·8	17·9	33·5	16·1	34·4	12·3	74	51	173	7	188	—	—	—
December	32·4	17·3	33·7	15·6	35·7	13·2	71	21	105	3	191	—	—	—
Year	32·7	18·6	36·6*	15·1*	38·0	12·3	73	2542	213	166	1972	—	—	—
No. of Years	17	17	17	17	17	17	12	21	18	11	12	—	—	—

Tepic 21° 31′ N 104° 53′ W 918 m

Period 1931–42 1951–65 Bibliography 14, 15, 16	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	26·2	9·3	30·2	5·5	32·2	3·6	76	19	63	1	—	—	—	—
February	26·5	8·8	31·0	4·7	34·6	1·6	76	9	37	1	—	—	—	—
March	28·4	9·5	32·5	5·2	35·0	2·1	73	1	14	1	—	—	—	—
April	30·5	10 7	33·8	6·6	35·8	4·4	70	0	0	0	—	—	—	—
May	31·4	13·3	34·1	9·2	35·7	5·2	73	2	5	1	—	—	—	—
June	30·5	17·4	34·1	12·7	37·0	10·2	80	133	73	10	—	—	—	—
July	29·9	18·5	33·2	15·9	35·0	12·6	87	326	125	24	—	—	—	—
August	29·6	18·7	32·9	16·4	35·2	14·2	88	267	137	22	—	—	—	—
September	29·2	18·6	32·7	16·2	35·5	10·5	88	182	205	17	—	—	—	—
October	29·5	16·7	32·9	12·8	36·2	8·4	86	67	154	8	—	—	—	—
November	28·5	12·9	32·3	8·9	35·0	6·3	80	10	40	2	—	—	—	—
December	26·8	10·5	30·7	6·0	33·2	3·2	78	19	77	2	—	—	—	—
Year	28·9	13·7	34·8*	3·6*	37·0	1·6	80	1035	205	89	—	—	—	—
No. of Years	16	16	17	17	17	17	9	17	17	8	—	—	—	—

*Average of highest/lowest each year

MEXICO

Tulancingo 20° 05′ N 98° 22′ W 2181 m

Period 1931–42 1960–65 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	21·6	5·0	27·4	−0·9	28·8	−4·8	73	9	14	3	184	—	—	—
February	23·9	5·6	29·2	−0·3	31·6	−4·8	69	9	14	4	197	—	—	—
March	25·3	7·3	31·6	0·8	34·0	−5·7	67	14	25	7	195	—	—	—
April	26·9	8·9	32·5	3·3	35·0	−2·0	66	26	31	8	189	—	—	—
May	26·3	9·9	31·8	4·9	34·7	2·2	73	49	40	11	196	—	—	—
June	24·6	10·6	30·0	6·6	34·0	2·8	78	84	40	13	180	—	—	—
July	23·3	10·4	27·3	7·1	29·0	4·3	81	71	37	16	171	—	—	—
August	23·5	10·1	27·2	7·0	28·6	5·0	82	70	54	16	184	—	—	—
September	21·9	10·5	26·7	6·2	28·2	1·4	84	90	49	18	138	—	—	—
October	21·7	8·4	26·7	3·0	30·0	−0·5	81	43	59	11	174	—	—	—
November	21·1	6·3	27·0	0·6	30·0	−4·8	79	18	44	7	185	—	—	—
December	21·5	5·2	26·7	0·0	28·8	−2·7	74	11	23	4	203	—	—	—
Year	23·5	8·2	33·0*	−3·2*	35·0	−5·7	76	494	59	118	2196	—	—	—
No. of Years	16	16	16	16	16	16	12	17	17	11	12	—	—	—

Veracruz 19° 12′ N 96° 08′ W 16 m

Period 1931–60 Bibliography 15, 16, 20, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	24·9	18·7	28·8	14·1	33·0	11·0	87	18	45	5	155	—	—	—
February	25·4	19·2	29·4	15·1	33·2	8·7	87	14	36	4	155	—	—	—
March	26·5	20·4	31·9	16·5	37·7	12·0	87	10	14	4	166	—	—	—
April	28·3	22·5	32·8	18·5	39·5	15·6	86	23	80	4	173	—	—	—
May	30·0	24·3	32·7	21·2	35·6	19·0	85	72	101	7	196	—	—	—
June	30·6	24·4	32·9	21·7	36·0	17·0	84	269	170	15	210	—	—	—
July	30·6	23·7	32·6	21·1	34·0	19·0	85	430	190	19	202	—	—	—
August	31·1	23·9	33·1	21·6	35·3	20·5	84	304	121	18	216	—	—	—
September	30·5	23·7	32·9	21·3	34·5	18·5	85	387	183	18	159	—	—	—
October	29·5	22·8	32·1	20·1	35·2	16·2	84	183	175	13	190	—	—	—
November	27·3	20·7	30·7	16·7	33·3	12·7	83	74	196	11	147	—	—	—
December	25·7	19·2	29·0	15·1	32·6	11·0	85	25	39	6	150	—	—	—
Year	28·4	22·0	34·4*	12·9*	39·5	8·7	85	1809	196	124	2119	—	—	—
No. of Years	30	30	30	30	30	30	12	21	12	12	12	—	—	—

Zacatecos 22° 47′ N 102° 34′ W 2612 m

Period 1931–42 1951–63 Bibliography 14, 15, 16, 21	Temperature						Relative humidity	Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at 0700, 1400 & 2100	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·1 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.								
	degrees Celsius						*per cent*	*millimetres*			*hours*		*hours*	
January	13·3	6·3	17·9	0·4	21·0	−4·7	48	5	14	2	205	—	—	—
February	14·7	6·7	19·1	0·6	22·0	−9·2	44	3	10	2	209	—	—	—
March	17·5	8·2	21·2	1·6	26·5	−3·8	35	1	3	1	241	—	—	—
April	19·9	10·2	23·1	3·6	28·8	−1·6	31	5	11	1	248	—	—	—
May	21·3	12·3	24·7	8·3	27·3	6·0	41	11	24	4	269	—	—	—
June	20·8	12·2	25·2	9·0	27·0	5·9	57	44	21	9	242	—	—	—
July	18·3	10·9	21·8	8·8	23·4	7·2	70	62	68	13	203	—	—	—
August	18·4	11·1	22·0	8·9	24·8	7·3	68	65	27	13	228	—	—	—
September	17·2	10·6	20·9	7·7	22·5	3·1	73	51	23	11	175	—	—	—
October	17·1	10·2	20·8	5·9	23·9	4·2	60	26	31	6	213	—	—	—
November	15·6	8·2	19·6	2·7	22·8	−2·9	54	12	23	3	228	—	—	—
December	13·8	7·1	17·8	−0·1	20·3	−6·5	48	5	18	2	215	—	—	—
Year	17·3	9·5	25·8*	−2·8*	28·8	−9·2	52	290	68	67	2676	—	—	—
No. of Years	15	15	15	15	15	15	12	21	15	11	12	—	—	—

*Average of highest/lowest each year

UNITED STATES

Anniston 33° 35′ N 85° 51′ W 183 m Alabama

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·4	2·2	22·5	−8·3	26·7	−19·4	—	—	132	101	11	—	—	—	—
February	14·9	2·7	23·6	−7·7	26·7	−16·7	—	—	133	109	11	—	—	—	—
March	18·6	5·5	27·2	−4·2	30·6	−11·1	—	—	156	144	11	—	—	—	—
April	23·7	9·9	30·5	0·3	33·9	−3·3	—	—	122	114	9	—	—	—	—
May	28·2	14·4	33·5	5·9	35·6	1·1	—	—	85	57	8	—	—	—	—
June	31·9	18·6	36·2	12·4	40·0	6·1	—	—	106	104	10	—	—	—	—
July	32·5	20·3	36·3	15·6	40·0	10·6	—	—	119	105	12	—	—	—	—
August	32·2	19·9	36·1	14·8	38·9	10·0	—	—	113	100	9	—	—	—	—
September	29·5	16·9	34·4	9·0	38·3	3·9	—	—	76	121	7	—	—	—	—
October	24·3	9·6	30·3	0·9	37·2	−5·6	—	—	63	134	6	—	—	—	—
November	18·1	4·3	26·4	−5·4	29·4	−15·0	—	—	86	86	7	—	—	—	—
December	13·6	1·9	22·2	−7·5	26·7	−12·2	—	—	127	104	11	—	—	—	—
Year	23·4	10·5	37·4*	−10·9*	40·0	−19·4	—	—	1318	144	112	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Birmingham 33° 34′ N 86° 45′ W 186 m Alabama

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·7	2·4	23·0	−7·6	27·2	−17·2	83	61	127	104	11	128	44	—	—
February	15·2	3·3	23·7	−6·9	26·7	−16·1	81	58	135	117	11	155	49	—	—
March	19·4	5·6	26·9	−3·4	30·0	−10·0	81	52	152	150	11	202	56	—	—
April	24·6	10·0	30·3	1·2	32·8	−2·8	80	50	114	144	10	259	63	—	—
May	29·1	15·1	32·8	7·5	35·0	1·7	82	50	86	98	9	287	68	—	—
June	32·9	19·8	36·1	13·8	41·1	7·8	81	53	102	83	10	298	68	—	—
July	33·6	21·5	36·6	17·4	41·1	11·1	86	57	132	79	13	281	61	—	—
August	33·5	21·1	36·2	16·2	40·0	10·6	88	56	124	105	11	276	64	—	—
September	31·4	17·8	34·7	10·1	38·9	3·9	86	53	84	89	7	238	66	—	—
October	26·3	11·1	30·8	2·3	34·4	−2·8	86	51	74	141	6	232	67	—	—
November	18·9	4·8	26·6	−4·1	31·7	−15·0	84	52	89	108	8	190	58	—	—
December	14·6	2·4	22·2	−6·7	26·7	−11·1	84	61	127	197	11	147	44	—	—
Year	24·4	11·2	37·7*	−10·3*	41·1	−17·2	83	55	1346	197	118	2693	59	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Huntsville 34° 42′ N 86° 35′ W 184 m Alabama

Period 1937–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·6	0·7	21·7	−10·7	26·1	−21·7	—	—	151	102	12	—	—	—	—
February	12·6	0·9	22·2	−8·8	26·1	−16·1	—	—	134	106	10	—	—	—	—
March	16·7	4·1	26·9	−5·3	28·9	−13·9	—	—	152	211	11	—	—	—	—
April	22·3	8·7	30·3	−0·5	33·3	−3·9	—	—	99	56	9	—	—	—	—
May	27·4	13·5	33·7	5·4	35·6	0·0	—	—	86	46	9	—	—	—	—
June	32·0	18·7	36·3	12·1	40·6	7·8	—	—	101	83	9	—	—	—	—
July	32·7	20·1	36·9	15·2	41·1	9·4	—	—	99	71	10	—	—	—	—
August	32·5	19·6	36·7	14·4	40·0	10·6	—	—	94	65	9	—	—	—	—
September	29·1	16·0	35·0	8·0	38·3	2·8	—	—	87	67	7	—	—	—	—
October	24·3	9·7	31·1	0·4	35·0	−5·0	—	—	60	116	5	—	—	—	—
November	16·6	3·0	26·0	−5·8	28·3	−17·2	—	—	90	83	8	—	—	—	—
December	11·4	0·3	20·8	−8·7	25·6	−12·2	—	—	118	53	10	—	—	—	—
Year	22·4	9·6	37·6*	−13·6*	41·1	−21·7	—	—	1271	211	109	—	—	—	—
No. of Years	17	17	17	17	17	17	—	—	20	20	20	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Mobile 30° 41′ N 88° 15′ W 64 m Alabama

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	16·2	5·2	24·1	−3·1	28·9	−10·0	86	64	117	181	10	—	49	—	—
February	17·8	6·7	24·8	−2·6	27·8	−11·7	85	62	117	77	10	—	50	—	—
March	20·8	9·5	26·8	0·7	32·2	−6·1	84	57	183	163	10	—	57	—	—
April	25·5	14·3	30·0	5·7	33·3	0·6	87	57	163	339	8	—	66	—	—
May	29·4	18·1	33·3	11·9	37·8	6·1	86	57	124	136	8	—	71	—	—
June	32·2	21·5	35·6	17·9	38·9	13·3	85	59	157	126	11	—	68	—	—
July	32·5	22·5	35·9	20·2	40·0	15·6	89	63	246	202	17	—	57	—	—
August	32·6	22·4	35·8	19·4	38·9	15·0	90	61	163	113	13	—	62	—	—
September	30·3	20·2	34·4	14·4	36·7	8·3	89	60	160	200	9	—	63	—	—
October	26·4	14·5	31·3	5·7	34·4	0·0	87	55	76	213	6	—	72	—	—
November	20·8	8·6	27·2	−0·5	30·0	−5·6	84	56	84	121	7	—	61	—	—
December	17·2	6·0	24·1	−2·6	26·7	−7·8	86	63	140	106	10	—	46	—	—
Year	25·1	14·1	36·8*	−5·7*	40·0	−11·7	87	59	1730	339	119	—	60	—	—
No. of Years	30	30	30	30	30	30	29	27	30	30	30	—	23	—	—

Montgomery 32° 18′ N 86° 24′ W 59 m Alabama

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	14·7	3·2	24·4	−5·0	28·3	−13·3	85	60	104	98	10	150	50	—	—
February	16·1	4·2	25·5	−3·9	28·3	−12·2	83	57	112	81	10	161	53	—	—
March	19·6	7·1	28·1	−1·1	31·7	−6·7	82	52	157	166	11	217	61	—	—
April	24·4	11·3	30·8	3·7	33·3	−0·6	84	51	124	153	9	262	68	—	—
May	28·9	15·9	34·1	10·3	36·7	5·6	83	50	89	93	8	290	74	—	—
June	32·3	20·3	36·4	16·3	40·6	9·4	83	54	107	178	10	301	73	—	—
July	33·3	22·1	36·7	19·3	40·6	15·0	88	58	137	116	13	276	66	—	—
August	33·6	21·7	36·6	18·2	40·0	13·9	89	57	104	183	10	290	71	—	—
September	31·0	19·1	35·2	12·9	38·3	6·7	88	54	102	221	8	241	68	—	—
October	25·9	12·5	31·7	4·7	37·8	−3·3	88	50	58	120	5	236	71	—	—
November	19·0	5·7	27·2	−2·2	30·0	−10·6	86	51	76	207	7	194	63	—	—
December	14·9	3·1	24·2	−4·4	28·3	−8·9	86	60	122	127	11	161	49	—	—
Year	24·5	12·2	37·9*	−7·7*	40·6	−13·3	85	55	1292	221	112	2779	64	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Ozark 31° 32′ N 85° 41′ W 140 m Alabama

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	17·4	5·3	25·3	−4·6	28·9	−12·2	—	—	106	89	9	—	—	—	—
February	18·7	5·9	26·0	−4·1	29·4	−11·7	—	—	121	90	9	—	—	—	—
March	22·1	8·6	28·8	−1·1	31·7	−7·8	—	—	143	164	10	—	—	—	—
April	26·3	12·4	31·8	3·6	34·4	−2·2	—	—	132	158	8	—	—	—	—
May	30·3	16·8	34·8	10·2	37·8	5·6	—	—	105	94	8	—	—	—	—
June	33·2	20·3	36·8	15·9	41·1	9·4	—	—	111	90	10	—	—	—	—
July	33·0	21·3	36·7	18·6	40·0	16·1	—	—	165	95	14	—	—	—	—
August	33·1	21·1	36·5	17·7	41·7	15·0	—	—	150	168	11	—	—	—	—
September	31·2	18·8	35·7	12·8	39·4	7·2	—	—	118	264	8	—	—	—	—
October	27·1	13·3	32·3	4·9	37·8	−3·3	—	—	35	79	4	—	—	—	—
November	21·2	7·7	28·4	−2·1	31·1	−10·0	—	—	77	124	6	—	—	—	—
December	17·7	5·4	25·4	−4·2	29·4	−10·6	—	—	123	160	10	—	—	—	—
Year	25·9	13·1	37·9*	−7·5*	41·7	−12·2	—	—	1386	264	107	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Allakaket 66° 34′ N 152° 44′ W 183 m — Alaska

Period 1937–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−21·4	−33·5	−6·7	−48·9	2·2	−58·7	—	—	19	21	8	—	—	—	—
February	−17·2	−30·7	−3·9	−48·3	7·2	−56·7	—	—	17	17	6	—	—	—	—
March	−9·9	−27·5	0·6	−44·4	5·6	−52·8	—	—	14	21	6	—	—	—	—
April	1·3	−15·0	9·4	−32·8	18·3	−42·8	—	—	8	27	3	—	—	—	—
May	11·9	−0·7	21·1	−12·2	28·3	−24·4	—	—	18	26	8	—	—	—	—
June	20·8	6·8	27·8	0·0	33·3	−6·7	—	—	35	29	9	—	—	—	—
July	21·9	7·3	29·4	1·7	34·4	−3·3	—	—	59	53	12	—	—	—	—
August	17·6	4·7	25·0	−2·8	30·6	−6·7	—	—	69	34	16	—	—	—	—
September	9·8	−0·4	17·2	−10·6	24·4	−20·0	—	—	41	18	12	—	—	—	—
October	−1·5	−11·0	6·7	−26·7	12·2	−38·3	—	—	27	18	10	—	—	—	—
November	−14·7	−24·6	−2·2	−41·7	4·4	−51·1	—	—	19	17	8	—	—	—	—
December	−19·3	−32·9	−6·1	−48·3	1·1	−56·7	—	—	18	13	8	—	—	—	—
Year	−0·1	−13·1	30·0*	−52·8*	34·4	−57·8	—	—	344	53	106	—	—	—	—
No. of Years	23	24	24	24	24	24	—	—	24	24	17	—	—	—	—

Anaktuvuk Pass 68° 10′ N 151° 46′ W 640 m — Alaska

Period 1954–62 Bibliography 23, 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 3·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−20·6	−28·6	−6·6	−41·2	−3·9	−42·8	—	—	13	7	3	—	—	—	—
February	−21·3	−29·8	−7·9	−40·6	−1·7	−43·9	—	—	13	13	2	—	—	—	—
March	−17·8	−26·4	−4·1	−37·3	2·8	−38·9	—	—	16	13	3	—	—	—	—
April	−11·1	−21·1	2·2	−32·6	7·2	−38·9	—	—	18	13	2	—	—	—	—
May	4·0	−6·3	13·2	−19·1	16·7	−22·8	—	—	17	15	2	—	—	—	—
June	14·1	2·8	21·5	−2·9	25·0	−6·1	—	—	37	40	5	—	—	—	—
July	15·7	4·8	24·5	−1·9	28·9	−3·3	—	—	43	20	6	—	—	—	—
August	12·3	3·2	20·8	−2·6	23·9	−6·1	—	—	33	14	5	—	—	—	—
September	3·6	−3·9	12·8	−17·1	17·2	−18·9	—	—	30	15	4	—	—	—	—
October	−9·6	−16·6	1·3	−27·1	7·2	−30·6	—	—	25	10	5	—	—	—	—
November	−18·8	−26·1	−7·1	−35·7	−1·1	−38·3	—	—	17	10	3	—	—	—	—
December	−24·4	−31·2	−7·9	−40·7	−3·3	−42·8	—	—	20	13	2	—	—	—	—
Year	−6·2	−14·9	24·4*	−43·3*	28·9	−43·9	—	—	282	40	42	—	—	—	—
No. of Years	8	8	8	8	8	8	—	—	8	8	8	—	—	—	—

Anchorage 61° 10′ N 149° 59′ W 28 m — Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−6·2	−14·7	5·0	−26·7	13·3	−37·2	77	74	20	24	8	—	—	—	—
February	−3·0	−12·3	6·1	−24·4	13·9	−38·9	75	66	18	29	7	—	—	—	—
March	0·5	−10·1	7·2	−21·7	11·1	−30·0	72	58	13	17	7	—	—	—	—
April	6·9	−2·8	12·2	−11·1	17·2	−29·4	66	52	11	23	5	—	—	—	—
May	12·7	2·7	18·9	−2·8	27·8	−17·2	63	50	13	20	5	—	—	—	—
June	17·2	7·3	24·4	2·8	33·3	−0·6	67	56	25	28	7	—	—	—	—
July	18·6	9·6	25·0	5·0	28·3	1·7	74	62	47	51	11	—	—	—	—
August	17·6	8·6	22·2	3·3	26·7	−0·6	77	64	65	34	14	—	—	—	—
September	13·2	4·2	18·9	−2·8	22·8	−7·2	82	65	63	41	14	—	—	—	—
October	5·7	−2·0	12·8	−11·1	16·7	−21·1	80	67	47	37	10	—	—	—	—
November	−2·0	−9·2	7·2	−18·9	13·9	−29·4	78	74	26	15	8	—	—	—	—
December	−6·6	−13·9	4·4	−26·1	11·7	−36·1	78	77	24	35	8	—	—	—	—
Year	6·2	−2·7	26·1*	−30·0*	33·3	−38·9	74	64	372	51	104	—	—	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Aniak 61° 35′ N 159° 32′ W 25 m Alaska

Period 1937–60 Bibliography 23, 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−12·6	−23·1	1·9	−41·1	8·9	−52·2	—	—	21	15	7	—	—	—	—
February	−9·7	−20·8	4·0	−38·7	8·9	−48·9	—	—	26	35	9	—	—	—	—
March	−5·7	−17·9	5·7	−34·6	10·0	−46·1	—	—	23	23	9	—	—	—	—
April	2·3	−8·1	10·1	−23·4	17·2	−36·7	—	—	12	12	6	—	—	—	—
May	11·2	0·4	19·2	−7·8	27·2	−19·4	—	—	27	26	10	—	—	—	—
June	17·3	5·8	25·4	0·2	28·9	−2·2	—	—	37	55	10	—	—	—	—
July	18·2	7·8	26·6	1·7	30·6	−0·6	—	—	55	33	12	—	—	—	—
August	15·4	7·1	22·6	0·0	27·2	−5·0	—	—	138	59	20	—	—	—	—
September	11·0	2·3	17·9	−6·1	22·8	−10·0	—	—	85	67	16	—	—	—	—
October	2·6	−4·9	11·2	−16·3	17·2	−27·2	—	—	40	29	13	—	—	—	—
November	−5·2	−13·7	5·4	−28·5	10·6	−39·4	—	—	29	32	10	—	—	—	—
December	−12·8	−22·1	2·2	−39·3	6·1	−48·3	—	—	27	26	11	—	—	—	—
Year	2·7	−7·3	27·6*	−44·6*	30·6	−52·2	—	—	520	67	133	—	—	—	—
No. of Years	21	21	23	23	23	23	—	—	22	22	15	—	—	—	—

Annette 55° 02′ N 131° 34′ W 34 m Alaska

Period 1941–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0930	1530							
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·1	−2·1	8·3	−10·0	15·6	−20·0	77	75	262	81	19	—	—	—	—
February	4·6	−0·8	8·9	−8·3	13·3	−16·7	79	74	215	78	18	—	—	—	—
March	6·0	0·1	11·1	−5·0	17·2	−17·2	75	70	248	93	20	—	—	—	—
April	9·2	2·6	15·6	−1·0	22·8	−6·1	71	67	230	121	18	—	—	—	—
May	13·1	5·9	22·2	1·7	27·2	−1·1	75	69	163	109	16	—	—	—	—
June	15·6	8·9	24·4	5·6	31·7	2·8	77	70	134	66	14	—	—	—	—
July	17·5	10·8	25·6	7·8	32·2	4·4	80	73	140	58	14	—	—	—	—
August	17·8	11·0	25·6	7·2	32·2	5·0	81	74	187	97	14	—	—	—	—
September	15·2	8·8	21·7	4·4	25·0	−1·1	83	76	251	100	17	—	—	—	—
October	10·6	5·4	15·0	0·6	17·8	−1·7	82	80	469	169	25	—	—	—	—
November	6·9	2·1	12·2	−3·9	17·8	−11·1	82	79	344	116	23	—	—	—	—
December	4·6	−0·2	10·0	−7·2	15·0	−16·7	82	80	313	123	23	—	—	—	—
Year	10·3	4·4	28·3*	−12·8*	32·2	−20·0	79	74	2956	169	221	—	—	—	—
No. of Years	18	18	18	18	18	18	13	13	19	19	19	—	—	—	—

Attu Nau 52° 50′ N 173° 11′ E 18 m Alaska

Period 1946–58 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·0	−2·5	3·9	−7·8	6·7	−8·9	—	—	93	34	26	—	—	—	—
February	1·1	−1·9	4·4	−7·2	6·1	−8·9	—	—	79	31	19	—	—	—	—
March	1·6	−1·9	3·9	−6·7	5·0	−8·3	—	—	89	18	25	—	—	—	—
April	3·0	−0·3	6·1	−4·4	8·3	−6·1	—	—	114	41	23	—	—	—	—
May	5·3	1·7	8·9	−1·1	13·3	−4·4	—	—	111	59	18	—	—	—	—
June	8·1	4·3	11·7	2·2	14·4	0·6	—	—	87	95	15	—	—	—	—
July	11·2	7·1	16·1	5·0	21·1	3·9	—	—	119	52	18	—	—	—	—
August	12·9	8·6	18·9	6·1	25·0	3·9	—	—	174	69	18	—	—	—	—
September	10·9	7·1	15·0	3·9	17·2	1·7	—	—	161	49	21	—	—	—	—
October	7·4	3·6	11·7	−0·6	12·8	−2·2	—	—	217	46	27	—	—	—	—
November	3·8	0·4	7·2	−3·9	8·3	−5·6	—	—	147	45	29	—	—	—	—
December	2·4	−1·2	6·1	−6·7	9·4	−9·4	—	—	128	42	29	—	—	—	—
Year	5·7	2·1	19·4*	−8·3*	25·0	−9·4	—	—	1519	95	268	—	—	—	—
No. of Years	8	8	8	8	8	8	—	—	8	8	5	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Barrow Point 71° 18′ N 156° 47′ W 7 m — Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−22·9	−30·1	−8·9	−40·6	0·0	−47·2	73	72	5	18	4	—	—	—	—
February	−24·5	−31·2	−10·6	−41·1	0·0	−47·2	74	74	4	8	4	—	—	—	—
March	−22·3	−29·2	−10·6	−38·3	−1·1	−42·8	72	73	3	6	3	—	—	—	—
April	−13·7	−21·4	−2·8	−31·7	5·6	−39·4	77	78	3	9	4	—	—	—	—
May	−4·7	−10·3	2·2	−20·0	6·7	−26·1	89	88	3	6	4	—	—	—	—
June	3·2	−1·8	12·8	−6·7	21·1	−13·3	94	91	9	21	5	—	—	—	—
July	7·3	0·7	17·2	−2·2	23·9	−5·6	92	89	20	19	8	—	—	—	—
August	6·0	0·6	15·6	−2·8	21·7	−6·1	93	90	23	21	9	—	—	—	—
September	1·1	−2·8	8·3	−8·3	16·7	−17·2	92	90	17	14	9	—	—	—	—
October	−5·8	−11·1	1·1	−21·7	6·1	−27·8	88	88	13	10	11	—	—	—	—
November	−14·7	−21·3	−3·9	−30·0	3·9	−40·0	81	80	6	10	6	—	—	—	—
December	−20·8	−27·2	−8·3	−37·2	1·1	−43·3	73	73	4	6	5	—	—	—	—
Year	−9·3	−15·4	18·3*	−43·3*	23·9	−47·2	83	82	110	21	72	—	—	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	—	—	—	—

Barter Island 70° 08′ N 143° 38′ W 12 m — Alaska

Period 1948–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−22·8	−30·4	−8·3	−42·2	2·8	−45·6	—	—	16	34	6	—	—	—	—
February	−26·1	−33·3	−9·4	−42·8	1·1	−50·6	—	—	10	5	5	—	—	—	—
March	−21·4	−29·4	−10·0	−36·7	−0·6	−43·9	—	—	5	7	6	—	—	—	—
April	−13·3	−21·9	−1·7	−33·9	6·1	−38·3	—	—	6	7	6	—	—	—	—
May	−3·7	−8·9	2·8	−19·4	6·7	−25·6	—	—	8	19	8	—	—	—	—
June	3·2	−1·1	11·1	−5·0	17·2	−7·8	—	—	19	30	8	—	—	—	—
July	7·3	1·7	17·2	−1·1	20·0	−3·3	—	—	27	35	8	—	—	—	—
August	7·1	1·8	16·7	−1·1	22·2	−4·4	—	—	31	18	9	—	—	—	—
September	2·0	−2·1	10·0	−8·9	17·8	−13·9	—	—	20	23	9	—	—	—	—
October	−5·3	−11·2	2·8	−22·8	6·1	−26·7	—	—	27	50	14	—	—	—	—
November	−14·1	−20·8	−3·9	−32·8	2·8	−46·1	—	—	13	11	11	—	—	—	—
December	−22·1	−29·1	−10·6	−40·0	−3·3	−44·4	—	—	7	13	7	—	—	—	—
Year	−9·1	−15·1	18·3*	−44·4*	22·2	−50·6	—	—	189	50	97	—	—	—	—
No. of Years	12	13	12	13	12	13	—	—	12	12	6	—	—	—	—

Bethel 60° 47′ N 161° 48′ W 38 m — Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−11·2	−19·6	3·3	−35·0	9·4	−46·6	80	79	28	45	10	—	—	—	—
February	−8·5	−17·4	3·9	−33·3	8·9	−42·8	81	77	28	24	10	—	—	—	—
March	−6·2	−16·8	5·6	−31·1	11·7	−41·1	81	77	26	33	10	—	—	—	—
April	1·7	−7·8	9·4	−20·0	15·0	−35·0	83	74	15	11	9	—	—	—	—
May	9·7	−0·1	17·8	−7·2	24·4	−20·6	80	65	24	24	10	—	—	—	—
June	16·3	6·1	24·4	1·1	30·6	−2·2	80	62	30	21	11	—	—	—	—
July	16·9	8·4	24·4	4·4	30·0	−1·1	87	69	52	36	16	—	—	—	—
August	15·1	7·7	21·7	2·2	27·2	−1·1	92	76	107	58	20	—	—	—	—
September	11·2	3·3	17·2	−2·8	24·4	−7·8	93	75	66	38	16	—	—	—	—
October	3·2	−3·8	11·7	−13·3	18·3	−20·6	90	78	39	48	12	—	—	—	—
November	−4·6	−11·9	5·6	−23·9	15·6	−35·0	86	83	27	38	12	—	—	—	—
December	−10·8	−18·6	2·8	−33·9	9·4	−42·2	81	81	26	29	11	—	—	—	—
Year	2·7	−5·9	26·7*	−38·3*	30·6	−46·6	85	75	468	58	147	—	—	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	—	—	—	—

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*Average of highest/lowest each year

UNITED STATES

Big Delta 64° 00′ N 145° 44′ W 386 m Alaska

Period 1941–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−16·3	−24·6	−2·1	−40·9	7·8	−52·8	—	—	9	19	6	—	—	—	—
February	−11·5	−21·4	3·4	−38·2	10·6	−51·1	—	—	7	11	4	—	—	—	—
March	−5·1	−17·7	6·3	−33·2	11·1	−44·4	—	—	7	10	6	—	—	—	—
April	4·2	−7·3	12·9	−22·1	21·7	−38·3	—	—	5	11	4	—	—	—	—
May	13·9	2·7	22·7	−4·6	32·2	−18·3	—	—	22	27	7	—	—	—	—
June	19·5	8·4	27·1	2·6	31·1	−1·1	—	—	56	54	11	—	—	—	—
July	20·6	10·1	28·2	4·8	32·8	0·6	—	—	67	49	12	—	—	—	—
August	17·8	7·6	25·5	0·9	30·0	−5·6	—	—	50	27	12	—	—	—	—
September	11·0	1·8	19·1	−6·9	25·0	−13·9	—	—	31	30	9	—	—	—	—
October	0·3	−7·5	10·1	−21·5	16·7	−31·1	—	—	13	14	8	—	—	—	—
November	−9·8	−17·4	4·9	−32·7	10·0	−41·7	—	—	9	8	7	—	—	—	—
December	−16·0	−24·0	−1·1	−39·4	8·9	−52·2	—	—	10	23	7	—	—	—	—
Year	2·4	−7·4	29·5*	−45·3*	32·8	−52·8	—	—	286	54	93	—	—	—	—
No. of Years	18	18	20	20	20	20	—	—	20	20	19	—	—	—	—

Cape Lisburne 68° 52′ N 166° 09′ W 14 m Alaska

Period 1954–62 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 3·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−15·3	−21·9	−0·2	−35·9	5·0	−38·9	—	—	20	14	2	—	—	—	—
February	−19·9	−25·9	−4·4	−35·7	6·7	−43·9	—	—	9	14	1	—	—	—	—
March	−18·1	−24·4	−3·3	−34·7	6·7	−39·4	—	—	10	7	2	—	—	—	—
April	−9·6	−16·1	2·2	−27·6	7·2	−30·0	—	—	11	3	1	—	—	—	—
May	−0·2	−5·2	7·4	−12·4	10·0	−21·1	—	—	8	5	1	—	—	—	—
June	6·1	1·0	13·7	−2·6	18·3	−4·4	—	—	21	22	2	—	—	—	—
July	10·2	4·4	18·8	0·8	22·2	−1·7	—	—	50	32	5	—	—	—	—
August	8·8	4·6	14·8	1·1	18·9	−1·7	—	—	93	47	7	—	—	—	—
September	4·6	1·0	10·6	−5·0	14·4	−7·2	—	—	78	26	9	—	—	—	—
October	−2·6	−6·2	6·1	−13·7	13·9	−17·2	—	—	34	13	5	—	—	—	—
November	−12·4	−16·3	−3·5	−24·7	1·1	−27·2	—	—	25	28	2	—	—	—	—
December	−18·5	−23·7	−4·3	−33·9	3·9	−36·7	—	—	12	14	1	—	—	—	—
Year	−5·6	−10·7	19·3*	−38·7*	22·2	−43·9	—	—	371	47	38	—	—	—	—
No. of Years	8	8	8	8	8	8	—	—	9	8	8	—	—	—	—

Cape Romanzof 61° 53′ N 166° 07′ W 2 m Alaska

Period 1953–65 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 3·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−7·7	−13·7	3·3	−26·6	9·4	−30·6	—	—	36	24	4	—	—	—	—
February	−10·2	−15·9	1·4	−26·3	8·9	−30·6	—	—	31	29	2	—	—	—	—
March	−6·6	−13·1	3·2	−23·7	7·8	−31·7	—	—	50	30	5	—	—	—	—
April	−3·7	−9·3	4·6	−19·6	6·1	−23·9	—	—	24	23	2	—	—	—	—
May	3·4	−1·2	12·1	−7·5	17·2	−15·0	—	—	43	23	4	—	—	—	—
June	8·8	3·6	17·3	−0·7	22·2	−2·8	—	—	51	48	5	—	—	—	—
July	11·4	6·9	19·9	3·2	25·6	1·7	—	—	62	26	6	—	—	—	—
August	10·8	7·2	17·5	3·6	21·1	0·6	—	—	144	70	11	—	—	—	—
September	8·1	4·4	13·5	−1·2	16·7	−5·0	—	—	148	53	13	—	—	—	—
October	1·1	−2·5	7·4	−9·3	15·6	−12·8	—	—	52	28	7	—	—	—	—
November	−3·3	−7·9	3·6	−16·4	6·1	−21·1	—	—	37	50	4	—	—	—	—
December	−9·1	−14·5	2·3	−24·9	7·2	−30·0	—	—	23	22	3	—	—	—	—
Year	0·3	−4·7	20·7*	−29·4*	25·6	−31·7	—	—	701	70	66	—	—	—	—
No. of Years	11	11	11	11	11	11	—	—	13	11	11	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Cape Sarichef 54° 36′ N 164° 56′ W 53 m Alaska

Period 1952–65 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 3·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·1	−3·2	8·3	−10·6	13·9	−14·4	—	—	47	38	6	—	—	—	—
February	1·9	−4·0	8·9	−11·7	14·4	−18·3	—	—	41	34	6	—	—	—	—
March	2·4	−3·4	8·9	−10·0	12·2	−20·6	—	—	40	44	5	—	—	—	—
April	3·6	−1·8	10·6	−7·2	14·4	−10·6	—	—	30	19	4	—	—	—	—
May	6·5	1·2	11·7	−3·3	15·0	−10·0	—	—	47	40	6	—	—	—	—
June	9·1	4·1	14·4	0·0	17·8	−5·0	—	—	44	36	4	—	—	—	—
July	11·2	6·4	18·3	3·9	23·3	1·1	—	—	69	33	7	—	—	—	—
August	12·4	7·3	19·4	3·9	23·3	−2·2	—	—	74	41	8	—	—	—	—
September	10·8	6·0	16·7	1·1	22·2	−3·9	—	—	102	81	8	—	—	—	—
October	7·0	2·1	11·7	−1·7	16·1	−5·6	—	—	86	49	11	—	—	—	—
November	4·6	−0·1	9·4	−5·0	14·4	−10·6	—	—	74	43	9	—	—	—	—
December	2·1	−2·9	7·8	−8·9	13·9	−14·4	—	—	46	36	6	—	—	—	—
Year	6·2	0·9	20·6*	−13·3*	23·3	−20·6	—	—	700	81	80	—	—	—	—
No. of Years	14	14	14	14	14	14	—	—	13	13	11	—	—	—	—

Cape Spencer 58° 12′ N 136° 38′ W 25 m Alaska

Period 1937–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·1	−1·8	6·9	−8·4	11·1	−17·2	—	—	184	98	18	—	—	—	—
February	2·4	−1·4	6·9	−9·0	12·2	−18·3	—	—	134	99	15	—	—	—	—
March	3·9	−0·2	7·7	−5·3	12·2	−15·6	—	—	145	94	17	—	—	—	—
April	6·9	2·1	11·7	−1·1	16·7	−6·7	—	—	135	55	17	—	—	—	—
May	9·6	4·9	15·6	1·4	20·6	−3·3	—	—	156	58	16	—	—	—	—
June	11·9	7·0	17·6	3·8	24·4	−1·1	—	—	125	99	14	—	—	—	—
July	13·8	8·7	18·6	6·2	22·8	4·4	—	—	193	120	19	—	—	—	—
August	13·8	9·0	18·5	6·7	26·1	3·9	—	—	235	107	18	—	—	—	—
September	12·1	7·9	16·2	5·0	21·1	1·7	—	—	391	183	21	—	—	—	—
October	8·6	4·9	12·4	0·9	17·2	−4·4	—	—	427	218	23	—	—	—	—
November	5·1	1·5	9·4	−4·1	14·4	−12·8	—	—	369	187	20	—	—	—	—
December	2·8	−0·5	7·4	−7·3	10·6	−16·7	—	—	257	102	21	—	—	—	—
Year	7·7	3·5	20·7*	−12·9*	26·1	−18·3	—	—	2751	218	219	—	—	—	—
No. of Years	24	24	24	24	24	24	—	—	24	24	17	—	—	—	—

Cold Bay 55° 12′ N 162° 43′ W 27 m Alaska

Period 1950–65 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·4	−4·7	5·6	−14·4	8·9	−20·6	—	—	60	47	18	—	—	—	—
February	0·3	−5·1	6·7	−13·9	10·0	−20·0	—	—	54	43	21	—	—	—	—
March	1·1	−4·2	6·7	−11·1	8·9	−21·7	—	—	52	32	19	—	—	—	—
April	3·1	−2·2	8·3	−8·3	14·4	−13·3	—	—	37	45	11	—	—	—	—
May	6·7	1·5	12·2	−2·8	18·3	−5·6	—	—	62	54	15	—	—	—	—
June	9·8	4·7	15·0	1·1	20·6	−1·7	—	—	46	51	15	—	—	—	—
July	12·3	7·4	18·3	4·4	25·0	2·2	—	—	57	43	14	—	—	—	—
August	12·8	8·2	18·9	4·4	23·9	2·2	—	—	105	55	21	—	—	—	—
September	10·9	6·1	15·6	0·6	21·1	−1·1	—	—	103	71	19	—	—	—	—
October	6·7	1·7	13·3	−3·3	20·6	−6·7	—	—	103	64	20	—	—	—	—
November	3·6	−1·1	8·9	−7·2	10·6	−17·2	—	—	96	64	19	—	—	—	—
December	0·6	−4·4	6·1	−12·8	8·3	−22·8	—	—	52	35	17	—	—	—	—
Year	5·7	0·7	20·0*	−17·2*	25·0	−22·8	—	—	827	71	209	—	—	—	—
No. of Years	16	16	16	16	16	16	—	—	16	16	4	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Cordova 60° 29′ N 145° 30′ W 12 m Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0900	1500							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·1	−8·0	6·7	−18·9	15·0	−32·8	84	82	215	122	18	—	—	—	—
February	1·8	−7·1	7·2	−17·2	13·3	−30·6	84	76	170	94	16	—	—	—	—
March	3·8	−5·2	8·3	−15·0	12·2	−31·1	81	71	149	97	17	—	—	—	—
April	7·3	−1·2	12·8	−7·8	20·0	−22·8	73	69	164	164	17	—	—	—	—
May	11·0	2·4	17·2	−2·2	25·0	−6·7	74	72	208	152	20	—	—	—	—
June	14·8	6·2	21·7	1·7	26·1	−1·7	78	74	125	154	17	—	—	—	—
July	16·2	8·4	22·8	3·9	28·9	1·1	82	78	204	117	18	—	—	—	—
August	16·2	7·8	22·2	3·3	26·7	−1·1	84	76	278	175	19	—	—	—	—
September	13·5	5·1	19·4	0·0	21·7	−6·7	85	74	400	189	20	—	—	—	—
October	8·4	1·1	13·9	−5·6	21·1	−11·7	87	73	445	223	23	—	—	—	—
November	3·7	−3·3	8·9	−12·2	12·8	−27·2	88	83	297	164	18	—	—	—	—
December	0·7	−6·5	6·7	−17·2	11·1	−28·3	87	85	243	216	19	—	—	—	—
Year	8·1	0·0	24·4*	−22·8*	28·9	−32·8	82	76	2898	223	222	—	—	—	—
No. of Years	27	27	28	28	28	28	16	16	28	28	18	—	—	—	—

Dutch Harbour 53° 53′ N 166° 32′ W 22 m Alaska

Period 1931–54 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·3	−2·4	8·0	−9·0	14·4	−12·2	—	—	154	95	23	—	—	—	—
February	2·4	−2·3	7·5	−9·2	15·6	−12·2	—	—	186	193	21	—	—	—	—
March	3·3	−1·8	9·7	−8·2	20·6	−12·8	—	—	123	63	20	—	—	—	—
April	5·4	0·1	10·6	−4·6	16·1	−10·0	—	—	119	88	20	—	—	—	—
May	7·8	2·2	12·5	−0·8	16·1	−3·9	—	—	123	92	20	—	—	—	—
June	10·7	5·2	15·4	2·2	18·9	0·0	—	—	79	58	15	—	—	—	—
July	13·7	7·4	21·0	4·7	23·9	2·8	—	—	38	32	14	—	—	—	—
August	15·4	8·8	21·9	4·9	26·1	2·2	—	—	58	42	14	—	—	—	—
September	11·9	6·9	18·7	2·6	26·7	0·0	—	—	145	61	20	—	—	—	—
October	8·2	3·5	12·9	−0·4	15·6	−3·3	—	—	214	78	25	—	—	—	—
November	5·3	0·5	10·4	−4·6	14·4	−8·9	—	—	173	173	22	—	—	—	—
December	3·0	−1·6	7·5	−7·2	11·7	−11·1	—	—	169	52	23	—	—	—	—
Year	7·5	2·2	23·4*	−10·9*	26·7	−12·8	—	—	1581	193	237	—	—	—	—
No. of Years	16	16	16	16	16	16	—	—	16	16	15	—	—	—	—

Eagle 64° 46′ N 141° 12′ W 250 m Alaska

Period 1931–33 1942–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−20·4	−30·8	−2·8	−48·3	8·3	−57·2	—	—	14	15	6	—	—	—	—
February	−16·2	−28·1	−1·7	−45·6	8·3	−54·4	—	—	8	12	4	—	—	—	—
March	−5·3	−19·6	5·6	−37·8	11·1	−50·0	—	—	6	8	3	—	—	—	—
April	5·1	−10·6	13·9	−26·1	21·7	−32·8	—	—	8	13	4	—	—	—	—
May	14·6	−0·1	23·9	−8·3	30·0	−16·7	—	—	23	26	6	—	—	—	—
June	21·1	5·8	28·3	−0·6	31·7	−5·6	—	—	40	21	12	—	—	—	—
July	22·6	8·3	29·4	2·2	33·3	−1·1	—	—	55	34	13	—	—	—	—
August	19·2	5·3	26·7	−1·7	31·1	−5·6	—	—	54	40	12	—	—	—	—
September	11·4	0·1	19·4	−7·8	29·4	−11·7	—	—	36	22	11	—	—	—	—
October	0·5	9·1	11·7	−22·8	21·1	−32·8	—	—	22	27	7	—	—	—	—
November	−10·6	−19·4	2·2	−36·1	10·0	−44·4	—	—	15	15	5	—	—	—	—
December	−19·3	−28·3	4·4	−43·3	6·7	−56·1	—	—	16	18	6	—	—	—	—
Year	1·9	−10·5	30·0*	−5·1*	33·3	−57·2	—	—	297	40	89	—	—	—	—
No. of Years	17	17	19	19	19	19	—	—	19	19	12	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Fairbanks 64° 19′ N 147° 52′ W 133 m Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−18·9	−29·0	−2·2	−42·2	5·6	−54·4	79	76	22	47	9	57	33	—	—
February	−12·9	−25·7	1·7	−40·0	10·0	−50·0	76	69	13	20	7	115	50	—	—
March	−5·0	−20·7	7·2	−35·0	12·8	−45·0	74	59	10	17	6	239	61	—	—
April	5·4	−7·8	13·9	−22·2	23·3	−35·6	64	50	6	17	4	316	66	—	—
May	14·8	2·1	23·9	−5·0	32·2	−17·8	57	44	18	20	7	326	55	—	—
June	21·1	7·9	28·9	2·2	33·3	−2·2	62	46	35	35	10	376	53	—	—
July	21·8	9·3	29·4	3·9	33·9	1·1	72	54	47	55	13	288	44	—	—
August	18·4	6·7	26·1	0·6	30·6	−5·0	79	58	56	40	14	170	35	—	—
September	12·1	1·3	20·0	−6·1	28·9	−11·1	84	61	28	31	10	136	30	—	—
October	1·3	−7·6	11·7	−20·6	17·8	−33·3	85	72	22	30	11	93	28	—	—
November	−11·4	−20·4	2·2	−33·3	12·2	−40·6	78	76	15	24	9	71	39	—	—
December	−18·0	−27·7	−1·1	−41·1	14·4	−50·6	76	76	14	12	8	46	29	—	—
Year	2·4	−9·3	30·6*	−46·1*	33·9	−54·4	74	62	286	55	108	2233	44	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	8	21	—	—

Fort Yukon 66° 35′ N 145° 18′ W 128 m Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−24·1	−33·9	−9·4	−48·3	2·2	−56·1	—	—	12	11	6	—	—	—	—
February	−20·4	−32·0	−7·8	−46·7	3·3	−55·6	—	—	9	8	5	—	—	—	—
March	−9·9	−24·2	1·7	−39·4	7·8	−46·1	—	—	8	7	5	—	—	—	—
April	1·7	−12·8	11·7	−27·8	18·3	−39·4	—	—	5	11	2	—	—	—	—
May	13·1	−0·4	22·2	−10·0	29·4	−19·4	—	—	8	17	4	—	—	—	—
June	21·2	8·3	27·2	1·1	32·2	−3·9	—	—	16	18	6	—	—	—	—
July	22·6	10·1	29·4	3·9	36·1	−1·1	—	—	22	36	6	—	—	—	—
August	18·9	6·8	26·1	−1·1	31·1	−5·0	—	—	28	27	8	—	—	—	—
September	10·3	−0·2	19·4	−9·4	26·1	−15·6	—	—	20	15	8	—	—	—	—
October	−2·1	−10·7	7·2	−23·9	11·1	−38·3	—	—	14	15	8	—	—	—	—
November	−15·9	−24·8	−3·3	−40·0	4·4	−51·7	—	—	13	17	6	—	—	—	—
December	−23·8	−33·1	−9·4	−47·2	−0·6	−57·2	—	—	10	12	6	—	—	—	—
Year	−0·7	−12·3	30·0*	−51·7*	36·1	−57·2	—	—	165	36	70	—	—	—	—
No. of Years	28	28	28	28	28	28	—	—	27	27	20	—	—	—	—

Galena 64° 43′ N 156° 54′ W 37 m Alaska

Period 1945–58 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−19·1	−28·4	−2·8	−43·9	5·6	−53·3	71	72	18	10	9	—	—	—	—
February	−16·8	−27·8	−1·7	−43·9	2·8	−50·6	71	71	18	30	10	—	—	—	—
March	−8·5	−21·4	2·8	−37·2	10·0	−45·0	72	67	17	14	9	—	—	—	—
April	0·8	−10·8	9·4	−27·2	17·8	−33·9	73	61	7	8	5	—	—	—	—
May	11·8	1·3	21·1	−9·4	27·2	−22·2	65	49	22	76	6	—	—	—	—
June	18·9	9·1	26·1	3·9	30·6	0·0	64	49	31	30	10	—	—	—	—
July	20·3	11·1	28·3	6·1	31·7	2·2	73	59	57	59	13	—	—	—	—
August	16·0	8·4	23·3	2·2	27·8	−1·1	82	65	66	21	17	—	—	—	—
September	9·9	2·2	17·8	−6·1	23·9	−10·0	85	65	42	25	13	—	—	—	—
October	−0·6	−7·6	8·3	−20·6	13·3	−30·6	84	73	15	9	8	—	—	—	—
November	−11·2	−18·9	0·6	−32·8	6·7	−43·3	78	79	20	22	11	—	—	—	—
December	−15·3	−28·4	−3·9	−42·2	1·7	−52·2	72	72	19	9	12	—	—	—	—
Year	0·1	−9·3	28·9*	−47·2*	31·7	−53·3	74	65	332	76	123	—	—	—	—
No. of Years	14	14	14	14	14	14	6	6	13	13	8	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Gambell 63° 51′ N 171° 36′ W 8 m Alaska

Period 1936–54 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·7	−18·1	−0·6	−26·7	3·9	−31·1	88	87	25	23	10	—	—	—	—
February	−12·9	−18·7	−1·7	−28·3	2·2	−34·4	86	85	30	33	12	—	—	—	—
March	−12·3	−18·4	−1·1	−27·2	2·8	−33·3	86	84	31	24	10	—	—	—	—
April	−4·8	−9·9	2·2	−19·4	7·2	−28·9	89	86	29	34	12	—	—	—	—
May	0·2	−3·8	5·6	−11·1	10·0	−18·9	92	87	17	14	9	—	—	—	—
June	5·6	1·2	12·2	−2·2	17·8	−6·1	92	86	14	10	8	—	—	—	—
July	9·5	5·0	14·4	1·7	21·7	−0·6	95	88	42	46	13	—	—	—	—
August	9·8	5·5	13·9	2·2	21·1	0·6	93	87	64	40	15	—	—	—	—
September	6·5	2·9	10·0	−0·6	16·7	−2·8	89	84	47	35	12	—	—	—	—
October	1·7	−1·6	6·1	−6·7	11·7	−11·7	86	84	40	28	15	—	—	—	—
November	−2·8	−6·4	2·2	−13·9	3·3	−20·6	88	87	30	17	14	—	—	—	—
December	−9·5	−14·2	−0·6	−23·3	2·8	−28·9	89	88	31	29	14	—	—	—	—
Year	−1·8	−6·4	15·6*	−29·4*	21·7	−34·4	89	86	400	46	144	—	—	—	—
No. of Years	17	17	17	17	17	17	11	11	16	16	16	—	—	—	—

Gulkana 62° 09′ N 145° 27′ W 479 m Alaska

Period 1943–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−16·3	−26·5	−0·1	−40·8	7·8	−51·1	—	—	16	19	8	—	—	—	—
February	−10·3	−22·8	2·1	−38·9	7·8	−53·9	—	—	11	12	4	—	—	—	—
March	−2·2	−17·8	6·1	−31·8	8·3	−44·4	—	—	8	12	5	—	—	—	—
April	5·3	−8·2	11·8	−22·1	19·4	−41·1	—	—	4	9	3	—	—	—	—
May	13·1	0·6	21·6	−5·8	29·4	−12·8	—	—	12	32	4	—	—	—	—
June	19·2	5·7	26·0	0·2	31·7	−2·2	—	—	29	38	8	—	—	—	—
July	20·2	7·6	28·1	2·3	32·8	−1·1	—	—	52	32	12	—	—	—	—
August	17·9	5·5	25·1	−1·6	29·4	−6·7	—	—	47	31	11	—	—	—	—
September	11·8	0·8	17·9	−7·2	21·7	−13·9	—	—	48	52	10	—	—	—	—
October	2·4	−7·6	10·8	−20·1	13·9	−30·6	—	—	22	29	8	—	—	—	—
November	−9·5	−18·1	3·4	−31·2	8·9	−42·2	—	—	22	18	6	—	—	—	—
December	−15·8	−24·6	−0·4	−37·9	6·7	−47·2	—	—	22	25	9	—	—	—	—
Year	3·0	−8·8	29·1*	−44·1*	32·8	−53·9	—	—	293	52	88	—	—	—	—
No. of Years	18	18	18	18	18	18	—	—	18	18	11	—	—	—	—

Homer 59° 38′ N 151° 30′ W 20 m Alaska

Period 1932–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·9	−9·4	5·6	−18·8	9·4	−27·2	—	—	54	44	12	—	—	—	—
February	0·6	−7·2	6·5	−17·4	11·1	−27·8	—	—	34	43	9	—	—	—	—
March	1·9	−6·4	7·7	−15·4	10·0	−27·2	—	—	36	35	9	—	—	—	—
April	6·1	−2·1	11·3	−9·3	15·6	−22·8	—	—	36	37	8	—	—	—	—
May	10·2	1·6	15·3	−3·5	20·0	−14·4	—	—	26	21	8	—	—	—	—
June	14·1	4·8	19·5	0·4	27·2	−1·7	—	—	24	30	8	—	—	—	—
July	16·1	7·1	21·1	3·0	26·1	1·1	—	—	42	34	11	—	—	—	—
August	15·6	7·3	20·6	2·3	25·6	−0·6	—	—	77	46	13	—	—	—	—
September	12·7	3·8	16·9	−2·6	20·0	−6·7	—	—	66	36	15	—	—	—	—
October	7·2	−0·4	12·6	−7·4	17·8	−15·6	—	—	86	57	15	—	—	—	—
November	1·8	−5·3	8·5	−13·9	14·4	−21·1	—	—	66	77	11	—	—	—	—
December	−1·7	−8·7	5·6	−18·5	8·9	−25·0	—	—	66	49	12	—	—	—	—
Year	6·9	1·2	22·4*	−22·5*	27·2	−27·8	—	—	613	77	131	—	—	—	—
No. of Years	28	28	27	27	27	27	—	—	28	28	20	—	—	—	—

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*Average of highest/lowest each year

UNITED STATES

Iliamna 59° 44′ N 154° 57′ W 44 m Alaska

Period 1941–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·1	−13·6	3·8	−29·1	8·9	−43·9	—	—	37	55	10	—	—	—	—
February	−4·0	−12·2	4·5	−27·7	8·3	−43·3	—	—	31	23	11	—	—	—	—
March	−2·5	−11·7	5·4	−24·1	8·9	−34·4	—	—	30	38	9	—	—	—	—
April	3·7	−4·8	10·3	−17·4	15·0	−26·7	—	—	25	29	7	—	—	—	—
May	9·7	1·2	16·6	−4·9	21·7	−12·8	—	—	30	39	9	—	—	—	—
June	15·1	5·4	22·4	1·3	32·8	−1·1	—	—	34	25	10	—	—	—	—
July	16·7	8·3	23·8	4·7	27·8	1·1	—	—	71	27	14	—	—	—	—
August	15·9	8·6	22·1	3·4	26·7	0·0	—	—	130	54	18	—	—	—	—
September	11·9	4·8	16·9	−1·9	20·0	−5·0	—	—	99	38	15	—	—	—	—
October	5·2	−1·3	10·8	−9·9	16·1	−18·9	—	—	75	62	14	—	—	—	—
November	−1·5	−7·8	6·6	−18·9	8·9	−28·9	—	—	39	32	11	—	—	—	—
December	−6·4	−14·1	3·9	−27·9	6·7	−35·0	—	—	42	67	11	—	—	—	—
Year	4·8	−3·1	25·2*	−32·8*	32·8	−43·9	—	—	643	67	139	—	—	—	—
No. of Years	19	19	19	19	19	19	—	—	20	20	13	—	—	—	—

Juneau 58° 22′ N 134° 35′ W 5 m Alaska

Period 1931–63 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0830	1430							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·2	−7·0	6·7	−17·2	15·6	−28·3	78	76	100	70	18	48	25	—	—
February	0·6	−5·8	6·1	−16·1	11·7	−24·4	80	73	76	36	17	84	32	—	—
March	3·4	−3·6	8·3	−12·8	12·2	−23·9	76	67	91	46	18	161	39	—	—
April	7·7	−0·4	13·9	−6·1	21·7	−14·4	73	63	76	33	17	174	38	—	—
May	13·0	3·6	21·1	−1·7	27·8	−3·9	73	62	81	35	16	170	34	—	—
June	16·8	7·1	25·0	2·8	29·4	−0·6	75	63	79	49	15	209	35	—	—
July	17·6	8·8	25·6	4·4	28·9	1·7	78	67	117	42	18	145	26	—	—
August	16·9	8·2	23·9	2·8	28·3	−2·8	83	73	124	60	18	127	29	—	—
September	13·3	5·8	19·4	−0·6	25·6	−3·3	86	75	179	69	20	92	23	—	—
October	8·3	2·5	13·3	−4·4	16·1	−8·9	85	78	210	118	23	62	17	—	—
November	3·0	−2·1	10·0	−10·6	13·3	−19·4	83	81	149	58	20	47	20	—	—
December	0·3	−4·9	6·7	−16·7	12·2	−29·4	82	80	121	57	22	61	19	—	—
Year	8·3	1·0	27·2*	−21·1*	29·4	−29·4	79	71	1403	118	222	1380	28	—	—
No. of Years	20	20	23	23	23	23	15	15	23	23	23	8	30	—	—

Ketchikan 55° 21′ N 131° 39′ W 5 m Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−0·8	10·0	−9·4	16·7	−20·0	—	—	353	131	22	—	—	—	—
February	5·3	−0·7	10·6	−8·3	16·1	−16·1	—	—	285	136	18	—	—	—	—
March	7·1	0·4	11·7	−5·0	17·2	−16·1	—	—	312	203	20	—	—	—	—
April	10·3	2·5	16·7	−1·7	22·8	−6·7	—	—	308	114	20	—	—	—	—
May	14·3	5·8	22·8	1·1	28·3	−1·1	—	—	219	91	17	—	—	—	—
June	16·8	8·9	24·4	5·0	32·2	2·8	—	—	184	113	17	—	—	—	—
July	18·6	10·8	25·6	7·2	30·0	5·0	—	—	207	124	17	—	—	—	—
August	18·8	11·1	25·6	7·8	31·1	3·9	—	—	271	176	15	—	—	—	—
September	16·1	8·9	22·2	3·9	26·7	0·6	—	—	358	192	19	—	—	—	—
October	11·6	5·8	16·7	−0·6	20·6	−6·1	—	—	565	172	25	—	—	—	—
November	7·6	2·3	12·8	−3·9	18·3	−12·2	—	—	453	161	23	—	—	—	—
December	5·1	0·1	10·6	−7·8	15·6	−17·8	—	—	397	161	23	—	—	—	—
Year	11·3	4·6	27·8*	−12·8*	32·2	−20·0	—	—	3912	203	236	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	23	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

King Salmon (Naknek) 58° 41′ N 156° 39′ W 26 m — Alaska

Period 1935–64 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−6·3	−14·7	4·7	−29·5	7·8	−39·4	78	76	31	22	9	—	—	—	—
February	−3·8	−12·7	5·7	−28·1	12·2	−40·0	79	73	29	26	9	—	—	—	—
March	−1·9	−10·9	7·1	−24·7	13·3	−36·7	77	69	29	26	9	—	—	—	—
April	4·9	−4·6	11·8	−14·4	18·3	−28·3	79	65	20	33	8	—	—	—	—
May	11·2	1·2	18·2	−4·4	23·3	−15·6	76	58	29	32	11	—	—	—	—
June	16·1	5·6	23·4	1·1	31·1	−1·1	79	59	36	28	11	—	—	—	—
July	17·2	8·2	25·2	4·2	30·0	1·1	84	66	61	32	15	—	—	—	—
August	16·6	8·4	23·2	3·1	27·8	−0·6	87	68	93	37	18	—	—	—	—
September	12·8	4·3	18·6	−3·8	23·3	−8·9	87	67	83	42	16	—	—	—	—
October	6·1	−1·9	12·8	−11·4	19·4	−19·4	85	70	50	33	14	—	—	—	—
November	−1·2	−8·8	7·7	−21·9	12·8	−31·7	78	74	38	24	11	—	—	—	—
December	−7·2	−15·6	4·5	−29·8	8·3	−38·9	74	74	29	23	11	—	—	—	—
Year	5·4	−3·5	26·5*	−33·9*	31·1	−40·0	80	68	528	42	142	—	—	—	—
No. of Years	24	24	24	19	20	19	9	9	27	27	27	—	—	—	—

Kodiak 57° 45′ N 152° 31′ W 6 m — Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·7	−3·0	11·1	−20·6	6·7	−11·7	—	—	129	85	17	—	—	—	—
February	2·6	−2·3	12·2	−18·3	7·8	−10·0	—	—	133	115	15	—	—	—	—
March	2·2	−2·6	11·7	−19·4	7·8	−11·1	—	—	98	70	13	—	—	—	—
April	5·7	0·3	16·7	−12·2	10·6	−5·0	—	—	114	70	14	—	—	—	—
May	8·8	3·5	24·4	−6·7	15·6	0·0	—	—	155	66	18	—	—	—	—
June	12·7	6·7	25·6	1·1	20·0	3·3	—	—	112	74	13	—	—	—	—
July	15·2	9·2	27·2	2·8	21·7	5·6	—	—	95	81	13	—	—	—	—
August	15·9	9·9	28·9	2·2	22·2	6·1	—	—	97	72	14	—	—	—	—
September	12·9	6·9	24·4	−0·6	18·3	1·7	—	—	153	114	15	—	—	—	—
October	8·2	2·9	16·1	−8·3	13·3	−2·8	—	—	175	92	17	—	—	—	—
November	4·0	−0·3	12·2	−12·8	8·9	−6·7	—	—	141	67	15	—	—	—	—
December	1·7	−2·9	10·0	−16·1	6·1	−10·6	—	—	130	56	15	—	—	—	—
Year	7·6	2·3	28·9*	−20·6*	23·9	−15·0	—	—	1532	115	179	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Kotzebue 66° 52′ N 162° 38′ W 3 m — Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−17·7	−25·4	−3·3	−37·8	2·2	−48·3	76	75	10	13	7	—	—	—	—
February	−15·7	−24·2	−2·8	−37·8	1·7	−45·0	77	77	8	17	6	—	—	—	—
March	−13·4	−23·3	−1·7	−36·1	2·8	−44·4	78	77	7	9	6	—	—	—	—
April	−5·0	−14·9	3·3	−27·2	8·3	−42·2	82	78	8	28	5	—	—	—	—
May	3·1	−4·3	12·2	−13·9	23·3	−27·8	83	79	9	10	6	—	—	—	—
June	9·9	3·2	20·0	−1·7	27·2	−6·7	87	81	12	27	6	—	—	—	—
July	14·8	8·3	22·8	2·8	29·4	−2·8	86	78	35	44	10	—	—	—	—
August	13·2	7·6	20·0	2·8	25·6	−0·6	88	80	55	38	13	—	—	—	—
September	7·7	2·1	13·3	−3·9	18·9	−8·3	88	76	30	18	10	—	—	—	—
October	−1·3	−6·6	6·1	−16·7	11·7	−27·2	85	79	15	15	8	—	—	—	—
November	−10·4	−16·5	−0·6	−28·3	3·3	−38·3	81	79	9	7	8	—	—	—	—
December	−16·4	−23·4	−3·3	−36·1	2·2	−45·0	77	76	8	10	7	—	—	—	—
Year	−2·6	−9·8	23·9*	−40·6*	29·4	−45·0	82	78	206	44	92	—	—	—	—
No. of Years	29	29	29	29	29	29	18	18	27	27	27	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

McGrath 62° 58′ N 155° 37′ W 102 m — Alaska

Period 1941–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−17·1	−27·4	−1·1	−43·3	12·2	−53·3	78	76	27	24	10	—	—	—	—
February	−11·7	−24·3	2·2	−41·7	12·8	−53·3	78	70	28	26	10	—	—	—	—
March	−5·8	−21·0	5·6	−35·6	10·6	−42·2	77	62	23	25	10	—	—	—	—
April	3·4	−10·0	11·7	−26·1	19·4	−33·3	70	55	12	26	6	—	—	—	—
May	12·2	1·6	21·7	−7·2	26·7	−18·9	67	49	24	24	9	—	—	—	—
June	19·2	7·4	26·7	1·7	31·7	−1·1	67	49	46	35	12	—	—	—	—
July	19·9	9·4	27·8	4·4	31·1	0·6	76	58	65	31	15	—	—	—	—
August	16·8	7·4	24·4	1·1	28·3	−2·2	85	67	95	37	19	—	—	—	—
September	10·9	1·8	18·3	−6·1	24·4	−14·4	88	67	66	42	15	—	—	—	—
October	0·7	−7·2	10·6	−19·4	16·1	−30·0	87	73	34	39	12	—	—	—	—
November	−10·7	−19·4	2·8	−33·9	8·3	−45·0	82	79	27	22	12	—	—	—	—
December	−18·4	−26·7	−2·8	−42·2	6·7	−51·7	80	78	26	31	11	—	—	—	—
Year	1·6	−9·0	28·9*	−47·2*	31·7	−53·3	78	65	473	42	141	—	—	—	—
No. of Years	20	20	20	20	20	20	19	19	20	20	20	—	—	—	—

Moses Point 64° 41′ N 162° 03′ W 5 m — Alaska

Period 1943–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−13·9	−21·7	−0·9	−38·4	1·7	−44·4	—	—	29	24	9	—	—	—	—
February	−12·9	−21·0	−1·2	−38·0	3·9	−45·0	—	—	31	27	9	—	—	—	—
March	−10·2	−20·1	0·4	−33·8	6·7	−38·3	—	—	35	36	7	—	—	—	—
April	−2·7	−12·0	4·8	−27·6	9·4	−39·4	—	—	24	16	8	—	—	—	—
May	6·6	−1·5	17·3	−11·4	21·1	−21·7	—	—	17	21	8	—	—	—	—
June	13·9	5·7	23·6	0·7	30·6	−3·3	—	—	14	15	7	—	—	—	—
July	16·1	8·5	23·9	3·2	28·9	0·0	—	—	47	28	11	—	—	—	—
August	13·9	7·3	20·7	0·8	26·1	−1·7	—	—	105	42	15	—	—	—	—
September	8·9	1·9	14·9	−5·4	18·3	−8·9	—	—	70	49	11	—	—	—	—
October	0·2	−5·9	8·1	−16·3	15·0	−25·6	—	—	37	20	11	—	—	—	—
November	−7·6	−14·3	1·2	−27·9	3·9	−41·1	—	—	37	52	11	—	—	—	—
December	−13·9	−20·9	−1·1	−36·1	2·2	−43·3	—	—	33	52	11	—	—	—	—
Year	−0·1	−7·8	26·2*	−41·3*	30·6	−45·0	—	—	479	52	118	—	—	—	—
No. of Years	17	17	15	15	15	15	—	—	18	18	8	—	—	—	—

Mountain Village 62° 07′ N 163° 43′ W 12 m — Alaska

Period 1947–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−18·9	−19·7	1·1	−33·9	5·0	−42·2	—	—	24	20	9	—	—	—	—
February	−10·1	−18·5	1·1	−34·2	5·0	−41·1	—	—	16	10	10	—	—	—	—
March	−7·2	−16·4	2·4	−29·8	7·8	−40·6	—	—	15	14	9	—	—	—	—
April	−1·0	−9·6	7·4	−13·1	12·8	−31·1	—	—	7	13	7	—	—	—	—
May	8·6	−0·7	17·4	−8·4	22·2	−17·2	—	—	15	10	10	—	—	—	—
June	15·4	5·2	22·9	0·5	27·8	−2·8	—	—	30	16	10	—	—	—	—
July	16·4	7·7	24·1	2·7	28·3	−0·6	—	—	46	29	13	—	—	—	—
August	14·6	7·3	21·2	1·8	23·9	−1·1	—	—	119	37	21	—	—	—	—
September	10·2	2·7	15·6	−3·9	18·3	−7·2	—	—	75	29	17	—	—	—	—
October	2·2	−4·5	9·9	−13·4	15·6	−18·9	—	—	25	15	11	—	—	—	—
November	−4·4	−10·9	3·2	−22·9	7·2	−36·1	—	—	23	10	14	—	—	—	—
December	−11·6	−18·8	0·8	−31·8	3·9	−37·8	—	—	17	16	11	—	—	—	—
Year	1·8	−6·4	25·0*	−37·3*	28·3	−42·2	—	—	412	37	142	—	—	—	—
No. of Years	14	14	14	14	14	14	—	—	14	14	7	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Nome 64° 30′ N 165° 26′ W 4 m Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−11·3	−19·6	0·6	−32·8	7·8	−39·4	79	79	26	18	11	75	44	—	—
February	−10·2	−19·1	0·6	−33·3	8·3	−41·1	79	79	24	26	11	124	46	—	—
March	−8·4	−18·4	0·6	−31·1	6·7	−38·9	81	81	22	19	11	210	55	—	—
April	−1·7	−10·2	5·6	−22·8	15·6	−32·8	82	82	20	23	10	227	52	—	—
May	5·3	−2·1	14·4	−10·6	20·0	−23·9	80	79	18	22	9	308	50	—	—
June	11·6	3·9	21·1	−1·1	27·2	−6·7	81	80	24	35	8	316	45	—	—
July	13·1	6·6	20·6	1·7	28·9	−2·2	86	86	58	43	13	211	33	—	—
August	12·7	6·3	18·9	0·6	22·8	−2·2	87	86	97	60	17	191	28	—	—
September	8·9	2·1	13·9	−4·4	17·2	−8·3	85	83	68	35	14	153	33	—	—
October	2·1	−4·6	9·4	−13·3	15·0	−19·4	82	81	43	48	12	92	35	—	—
November	−5·3	−12·0	2·2	−23·9	6·7	−39·4	82	81	29	36	11	85	35	—	—
December	−10·6	−18·2	0·6	−31·1	4·4	−40·6	79	78	25	34	11	46	32	—	—
Year	0·5	−7·1	23·3*	−36·1*	28·9	−41·1	82	81	454	60	138	2038	41	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	8	29	—	—

Northeast Cape 63° 17′ N 168° 41′ W 12 m Alaska

Period 1954–65 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 3·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·3	−16·3	1·3	−29·5	8·9	−32·8	—	—	28	16	4	—	—	—	—
February	−14·7	−21·1	−3·9	−30·4	2·8	−37·8	—	—	16	11	2	—	—	—	—
March	−9·7	−17·2	0·9	−27·5	5·6	−32·8	—	—	22	14	4	—	—	—	—
April	−5·2	−12·7	3·3	−23·1	5·6	−26·1	—	—	16	12	3	—	—	—	—
May	1·6	−3·2	7·3	−10·7	11·7	−20·0	—	—	18	13	2	—	—	—	—
June	6·7	1·3	13·2	−2·3	17·2	−3·3	—	—	16	18	2	—	—	—	—
July	10·9	5·6	17·2	1·6	20·0	0·0	—	—	29	21	3	—	—	—	—
August	10·0	6·1	15·0	2·3	18·9	0·0	—	—	88	168	6	—	—	—	—
September	6·7	3·2	11·4	−1·3	13·9	−4·4	—	—	92	41	9	—	—	—	—
October	1·2	−1·9	6·8	−8·7	10·0	−16·1	—	—	59	49	6	—	—	—	—
November	−3·2	−7·1	2·6	−14·6	3·9	−18·3	—	—	33	17	4	—	—	—	—
December	−11·3	−16·2	1·5	−26·7	7·2	−32·2	—	—	15	7	2	—	—	—	—
Year	−1·4	−6·6	17·6*	−32·2*	20·0	−37·8	—	—	432	168	47	—	—	—	—
No. of Years	11	11	11	11	11	11	—	—	11	11	11	—	—	—	—

Nunivak 60° 23′ N 166° 12′ W 13 m Alaska

Period 1946–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·0	−15·6	1·9	−27·6	5·0	−37·2	—	—	23	30	10	—	—	—	—
February	−8·4	−16·0	1·4	−28·1	2·8	−33·3	—	—	24	46	9	—	—	—	—
March	−6·1	−13·9	1·6	−24·1	3·9	−28·9	—	—	30	71	10	—	—	—	—
April	−1·9	−8·4	3·3	−18·9	6·1	−24·4	—	—	18	38	9	—	—	—	—
May	3·7	−1·6	9·6	−8·2	13·9	−13·3	—	—	15	9	7	—	—	—	—
June	9·2	3·0	15·3	−0·8	21·7	−2·8	—	—	19	15	6	—	—	—	—
July	12·1	6·2	18·1	1·7	21·1	−2·2	—	—	34	43	11	—	—	—	—
August	12·5	7·2	17·6	2·6	21·1	0·0	—	—	58	21	15	—	—	—	—
September	9·6	5·0	13·0	−0·4	14·4	−2·2	—	—	53	25	17	—	—	—	—
October	4·1	−0·7	9·3	−6·9	12·2	−11·1	—	—	44	18	18	—	—	—	—
November	−1·0	−6·5	3·7	−15·8	5·6	−27·8	—	—	35	26	14	—	—	—	—
December	−6·8	−13·8	1·9	−25·2	7·2	−44·4	—	—	28	17	13	—	—	—	—
Year	1·6	−4·6	19·2*	−30·9*	21·7	−44·4	—	—	381	71	139	—	—	—	—
No. of Years	15	15	15	15	15	15	—	—	15	15	8	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Platinum 59° 01′ N 161° 47′ W 6 m — Alaska

Period 1940–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·8	−13·4	3·1	−27·9	5·6	−36·7	—	—	27	16	11	—	—	—	—
February	−5·4	−12·5	3·4	−28·6	8·3	−35·6	—	—	32	46	10	—	—	—	—
March	−4·5	−11·6	3·3	−24·1	5·6	−32·2	—	—	33	34	10	—	—	—	—
April	1·3	−5·1	6·7	−16·8	11·7	−23·9	—	—	21	18	7	—	—	—	—
May	7·3	0·9	13·9	−6·1	18·3	−16·7	—	—	30	20	10	—	—	—	—
June	12·3	5·6	20·5	1·2	26·1	−0·6	—	—	28	26	9	—	—	—	—
July	13·9	7·9	21·7	2·9	27·8	−1·1	—	—	46	24	13	—	—	—	—
August	13·6	8·3	18·2	3·8	22·8	0·0	—	—	108	65	18	—	—	—	—
September	10·7	4·6	15·3	−2·1	20·0	−5·6	—	—	90	39	18	—	—	—	—
October	4·4	−1·4	10·2	−9·3	17·2	−14·4	—	—	67	41	15	—	—	—	—
November	−1·6	−7·5	5·8	−18·8	8·9	−29·4	—	—	42	30	12	—	—	—	—
December	−7·4	−13·9	3·1	−26·8	6·7	−32·8	—	—	26	28	11	—	—	—	—
Year	3·2	−3·2	22·2*	−32·0*	27·8	−36·7	—	—	550	65	144	—	—	—	—
No. of Years	18	18	17	18	17	18	—	—	21	21	13	—	—	—	—

Port Heiden 56° 57′ N 158° 37′ W 28 m — Alaska

Period 1948–65 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·7	−9·0	6·4	−24·4	11·7	−31·7	—	—	10	11	8	—	—	—	—
February	−2·2	−8·8	6·4	−20·8	12·8	−26·7	—	—	9	7	7	—	—	—	—
March	0·0	−7·8	8·1	−18·8	10·0	−27·2	—	—	15	15	10	—	—	—	—
April	2·8	−4·1	9·9	−11·4	16·7	−17·8	—	—	13	26	7	—	—	—	—
May	7·9	1·3	15·7	−4·8	23·9	−10·0	—	—	16	11	10	—	—	—	—
June	11·4	4·9	18·9	0·2	25·0	−1·7	—	—	17	15	10	—	—	—	—
July	13·7	7·7	21·4	3·8	25·0	0·0	—	—	28	41	17	—	—	—	—
August	14·3	8·2	22·4	3·7	26·7	−0·6	—	—	40	20	18	—	—	—	—
September	12·2	5·6	17·8	0·0	21·1	−1·7	—	—	57	46	20	—	—	—	—
October	6·5	−0·2	12·5	−8·9	15·6	−17·8	—	—	44	41	21	—	—	—	—
November	1·9	−4·9	8·9	−15·8	12·8	−22·2	—	—	28	114	12	—	—	—	—
December	−2·2	−7·6	6·2	−18·0	10·0	−30·0	—	—	19	13	10	—	—	—	—
Year	5·4	−1·2	23·7*	−26·2*	26·7	−31·7	—	—	296	114	150	—	—	—	—
No. of Years	13	13	12	12	12	12	—	—	13	13	5	—	—	—	—

Puntilla 62° 06′ N 152° 45′ W 560 m — Alaska

Period 1942–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−10·6	−21·2	0·4	−34·6	6·1	−41·7	—	—	26	34	9	—	—	—	—
February	−7·1	−19·4	1·6	−33·7	8·3	−43·9	—	—	27	32	8	—	—	—	—
March	−4·7	−18·3	3·8	−31·2	9·4	−36·1	—	—	20	36	9	—	—	—	—
April	1·9	−10·9	8·6	−25·4	12·2	−33·3	—	—	9	17	5	—	—	—	—
May	8·9	−2·1	16·8	−11·3	23·9	−26·7	—	—	12	28	6	—	—	—	—
June	15·6	2·9	23·2	−2·5	30·0	−8·9	—	—	34	41	7	—	—	—	—
July	17·2	5·5	25·5	0·4	28·9	−3·9	—	—	47	26	10	—	—	—	—
August	14·8	4·4	21·3	−3·1	28·3	−10·0	—	—	56	27	12	—	—	—	—
September	9·6	−0·1	15·8	−9·7	19·4	−15·6	—	—	40	22	11	—	—	—	—
October	1·4	−8·3	8·6	−20·8	15·0	−26·7	—	—	24	18	11	—	—	—	—
November	−6·6	−16·1	2·3	−29·4	10·0	−37·8	—	—	26	25	9	—	—	—	—
December	−10·8	−20·9	−0·8	−33·7	7·2	−40·0	—	—	25	24	9	—	—	—	—
Year	2·3	−8·7	26·4*	−39·3*	30·0	−43·9	—	—	346	41	106	—	—	—	—
No. of Years	19	19	18	18	18	18	—	—	19	19	12	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

St Paul Island 57° 09′ N 170° 13′ W 7 m Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·6	−5·9	3·3	−15·6	7·8	−26·7	87	86	45	29	18	—	—	—	—
February	−2·4	−7·0	2·8	−16·7	4·4	−24·4	85	85	31	38	15	—	—	—	—
March	−1·8	−7·1	3·3	−17·2	6·7	−27·2	86	83	27	15	15	—	—	—	—
April	0·8	−3·5	4·4	−10·0	6·7	−18·9	87	85	25	15	14	—	—	—	—
May	4·1	−0·3	7·8	−4·4	11·7	−8·9	91	86	32	32	14	—	—	—	—
June	7·5	2·9	11·7	−0·6	15·0	−3·3	94	86	27	37	12	—	—	—	—
July	9·8	5·8	13·3	3·3	16·7	−1·7	96	90	58	45	15	—	—	—	—
August	10·6	7·1	13·3	3·9	17·8	0·0	96	91	84	37	20	—	—	—	—
September	9·2	5·2	11·7	0·6	13·3	−2·8	92	87	76	40	19	—	—	—	—
October	5·8	1·7	9·4	−3·3	11·1	−10·6	87	83	79	49	22	—	—	—	—
November	2·8	−1·1	6·1	−6·7	9·4	−11·7	85	83	61	29	20	—	—	—	—
December	0·1	−4·1	4·4	−11·1	11·1	−16·1	83	82	45	19	18	—	—	—	—
Year	3·7	−0·5	13·9*	−20·0*	17·8	−27·2	89	86	590	49	202	—	—	—	—
No. of Years	27	27	27	27	27	27	12	14	26	26	26	—	—	—	—

Seward 60° 07′ N 149° 27′ W 23 m Alaska

Period 1931–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·8	−7·4	6·1	−17·3	10·0	−23·3	—	—	151	92	13	—	—	—	—
February	0·9	−5·6	6·8	−15·2	13·3	−27·2	—	—	143	75	12	—	—	—	—
March	3·1	−4·6	8·7	−14·3	12·2	−23·3	—	—	95	102	11	—	—	—	—
April	7·1	−0·5	12·4	−6·7	18·3	−18·3	—	—	112	94	14	—	—	—	—
May	11·0	3·0	17·7	−1·5	24·4	−10·0	—	—	96	66	13	—	—	—	—
June	15·1	6·7	22·2	2·7	28·3	−0·6	—	—	56	40	12	—	—	—	—
July	17·0	9·2	24·4	5·2	29·4	2·2	—	—	82	81	12	—	—	—	—
August	16·9	9·1	23·7	4·6	29·4	1·1	—	—	144	89	16	—	—	—	—
September	13·3	5·9	19·1	0·6	23·9	−3·3	—	—	231	110	18	—	—	—	—
October	7·8	1·3	12·8	−5·7	17·2	−12·8	—	—	251	171	19	—	—	—	—
November	2·6	−3·4	7·9	−11·4	12·8	−20·0	—	—	184	88	14	—	—	—	—
December	−1·0	−6·8	6·0	−16·3	9·4	−21·7	—	—	162	233	13	—	—	—	—
Year	7·7	0·6	25·6*	−19·9*	29·4	−27·2	—	—	1707	233	167	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	23	—	—	—	—

Shemya 52° 43′ N 174° 06′ E 37 m Alaska

Period 1949–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·6	−1·3	4·5	−5·0	5·6	−7·2	—	—	64	18	21	—	—	—	—
February	0·8	−2·1	2·5	−5·5	4·4	−7·2	—	—	67	40	18	—	—	—	—
March	1·6	−1·2	3·9	−5·0	5·0	−6·7	—	—	72	37	19	—	—	—	—
April	3·1	0·1	5·2	−2·8	6·1	−3·9	—	—	53	39	15	—	—	—	—
May	4·7	2·1	6·9	−0·3	7·8	−2·2	—	—	70	35	15	—	—	—	—
June	6·8	4·1	9·6	1·7	13·9	−1·1	—	—	46	45	14	—	—	—	—
July	9·4	6·6	13·4	4·4	15·6	3·9	—	—	70	43	15	—	—	—	—
August	11·2	8·6	13·7	6·7	14·4	5·6	—	—	46	27	15	—	—	—	—
September	10·4	7·4	12·7	4·5	14·4	3·3	—	—	68	34	16	—	—	—	—
October	7·2	4·1	10·5	0·0	11·7	−3·3	—	—	83	29	23	—	—	—	—
November	3·4	0·3	6·8	−3·8	8·3	−5·0	—	—	79	40	20	—	—	—	—
December	1·6	−1·8	5·1	−6·3	7·8	−7·8	—	—	76	26	17	—	—	—	—
Year	5·1	2·2	14·2*	−6·9*	15·6	−7·8	—	—	794	45	208	—	—	—	—
No. of Years	8	8	8	8	8	8	—	—	8	8	5	—	—	—	—

*Average of highest/lowest each year

Sitka 57° 03′ N 135° 20′ W 20 m — Alaska

Period 1931–60 Bibliography 23,24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·2	−3·0	8·9	−11·1	15·6	−20·6	—	—	197	75	19	—	—	—	—
February	4·3	−2·4	8·3	−10·6	15·6	−18·9	—	—	167	86	16	—	—	—	—
March	5·9	−1·6	11·1	−8·3	16·7	−20·6	—	—	177	84	17	—	—	—	—
April	8·9	0·8	15·6	−3·3	23·3	−10·6	—	—	136	75	17	—	—	—	—
May	12·1	3·8	19·4	−1·1	28·9	−2·8	—	—	119	78	17	—	—	—	—
June	14·6	7·1	22·2	2·8	27·2	−0·6	—	—	88	44	14	—	—	—	—
July	15·9	9·4	21·7	5·0	30·0	3·3	—	—	134	112	18	—	—	—	—
August	16·5	9·6	22·2	5·0	30·0	0·0	—	—	202	205	18	—	—	—	—
September	14·9	7·2	20·6	1·7	27·8	−1·1	—	—	296	163	21	—	—	—	—
October	10·8	3·8	15·0	−2·8	20·0	−8·9	—	—	384	113	23	—	—	—	—
November	6·8	0·6	12·2	−5·6	15·6	−14·4	—	—	305	117	21	—	—	—	—
December	3·7	−1·9	10·0	−10·0	17·8	−21·1	—	—	258	94	20	—	—	—	—
Year	9·8	2·8	24·4*	−15·0*	30·0	−21·1	—	—	2463	205	221	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	23	—	—	—	—

Sparrevohn 61° 06′ N 155° 34′ W 482 m — Alaska

Period 1953–62 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 3·0 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−7·1	−15·3	4·1	−32·4	6·7	−38·3	—	—	35	21	4	—	—	—	—
February	−7·9	−16·5	3·2	−29·4	8·3	−36·7	—	—	25	19	3	—	—	—	—
March	−5·7	−12·6	4·8	−26·7	8·9	−31·7	—	—	30	35	3	—	—	—	—
April	−0·3	−6·7	8·8	−18·5	13·9	−26·1	—	—	26	25	3	—	—	—	—
May	9·6	2·0	17·5	−3·4	21·7	−11·1	—	—	24	11	3	—	—	—	—
June	14·9	6·8	23·3	1·6	27·2	−1·7	—	—	61	36	6	—	—	—	—
July	16·6	8·7	24·5	3·7	27·2	1·7	—	—	102	70	10	—	—	—	—
August	13·8	7·6	21·5	2·8	25·6	−1·1	—	—	129	47	12	—	—	—	—
September	8·3	3·0	14·9	−4·2	21·1	−6·7	—	—	110	43	11	—	—	—	—
October	0·1	−5·5	8·6	−15·6	17·2	−26·1	—	—	44	18	7	—	—	—	—
November	−5·2	−11·8	4·8	−23·4	8·3	−31·1	—	—	37	17	5	—	—	—	—
December	−11·1	−18·9	3·1	−35·5	8·9	−43·9	—	—	32	34	3	—	—	—	—
Year	2·2	−4·9	25·2*	−38·5*	27·2	−43·9	—	—	655	70	70	—	—	—	—
No. of Years	9	9	9	9	9	9	—	—	9	9	9	—	—	—	—

Tanana 65° 10′ N 152° 06′ W 71 m — Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−19·4	−28·3	−6·7	−44·4	3·3	−57·2	—	—	19	15	6	—	—	—	—
February	−15·0	−25·4	−2·8	−42·2	7·2	−52·8	—	—	14	22	6	—	—	—	—
March	−7·9	−21·3	2·2	−37·2	8·9	−49·4	—	—	10	19	5	—	—	—	—
April	3·2	−9·9	12·2	−25·6	21·1	−39·4	—	—	6	27	3	—	—	—	—
May	13·1	0·2	21·7	−8·3	28·9	−25·6	—	—	19	27	7	—	—	—	—
June	20·8	6·6	27·8	0·0	31·1	−5·0	—	—	32	74	10	—	—	—	—
July	21·3	8·1	29·4	1·7	33·3	−1·7	—	—	55	42	12	—	—	—	—
August	17·4	5·9	25·0	−1·1	30·6	−6·1	—	—	75	40	15	—	—	—	—
September	10·4	0·3	17·8	−8·3	25·6	−13·9	—	—	43	31	11	—	—	—	—
October	−0·7	−8·3	8·3	−21·1	12·8	−31·7	—	—	23	13	9	—	—	—	—
November	−13·1	−20·9	−2·2	−35·6	5·6	−46·7	—	—	18	28	8	—	—	—	—
December	−19·1	−27·7	−4·4	−42·8	7·8	−50·6	—	—	15	25	7	—	—	—	—
Year	0·9	−10·1	30·0*	−48·9*	33·3	−57·2	—	—	329	74	99	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	29	28	21	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Unalakleet 63° 54′ N 160° 47′ W 4 m — Alaska

Period 1943–62 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−12·1	−20·2	−0·3	−39·9	5·0	−44·4	—	—	10	9	4	—	—	—	—
February	−11·4	−19·6	0·0	−37·2	4·4	−45·6	—	—	13	32	6	—	—	—	—
March	−8·1	−18·2	2·6	−31·7	8·3	−43·3	—	—	10	11	5	—	—	—	—
April	−0·9	−10·1	8·7	−23·8	16·7	−32·2	—	—	8	26	5	—	—	—	—
May	8·1	−0·8	18·9	−9·2	21·1	−21·1	—	—	14	18	5	—	—	—	—
June	13·3	5·5	22·9	0·1	30·0	−3·9	—	—	20	22	7	—	—	—	—
July	16·1	8·5	23·6	3·1	27·8	0·0	—	—	56	39	13	—	—	—	—
August	14·4	7·4	21·7	1·0	27·8	−2·2	—	—	108	33	20	—	—	—	—
September	10·0	2·2	16·4	−6·1	20·6	−14·4	—	—	56	23	13	—	—	—	—
October	1·0	−5·9	9·2	−17·1	13·9	−28·9	—	—	24	23	9	—	—	—	—
November	−7·5	−14·2	2·6	−28·3	6·7	−43·9	—	—	8	9	6	—	—	—	—
December	−13·7	−21·2	−0·4	−36·3	2·2	−45·6	—	—	6	8	7	—	—	—	—
Year	0·8	−7·2	26·3*	−40·5*	30·0	−45·6	—	—	333	39	100	—	—	—	—
No. of Years	17	17	16	16	16	16	—	—	18	18	11	—	—	—	—

Wainwright 70° 37′ N 160° 04′ W 9 m — Alaska

Period 1935–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−23·2	−30·2	−8·7	−41·8	0·0	−45·6	—	—	4	5	2	—	—	—	—
February	−24·4	−31·3	−8·3	−42·5	1·1	−47·8	—	—	2	3	2	—	—	—	—
March	−22·0	−29·2	−8·8	−39·1	1·1	−44·4	—	—	3	6	3	—	—	—	—
April	−12·9	−20·8	−0·3	−32·6	6·1	−40·0	—	—	5	9	4	—	—	—	—
May	−3·5	−8·9	3·4	−19·6	6·1	−26·7	—	—	4	3	4	—	—	—	—
June	4·8	−0·6	13·1	−5·5	20·6	−9·4	—	—	7	13	5	—	—	—	—
July	9·8	2·8	20·6	−1·8	26·7	−5·0	—	—	24	57	8	—	—	—	—
August	8·4	2·4	17·4	−1·8	24·4	−6·1	—	—	36	37	11	—	—	—	—
September	2·3	−2·1	9·2	−8·6	15·6	−16·7	—	—	15	26	6	—	—	—	—
October	−4·8	−10·1	2·7	−20·6	6·1	−26·7	—	—	22	52	9	—	—	—	—
November	−14·3	−20·4	−3·6	−31·2	2·8	−43·3	—	—	5	4	5	—	—	—	—
December	−21·7	−28·1	−8·0	−38·2	−0·6	−45·6	—	—	2	5	3	—	—	—	—
Year	−8·5	−14·7	21·3*	−44·2*	26·7	−47·8	—	—	129	57	62	—	—	—	—
No. of Years	18	18	18	18	18	18	—	—	19	19	12	—	—	—	—

Wales 65° 37′ N 168° 03′ W 3 m — Alaska

Period 1945–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−14·3	−22·0	0·0	−33·9	7·2	−38·3	—	—	6	4	7	—	—	—	—
February	−15·7	−23·1	0·6	−33·3	8·3	−42·2	—	—	9	7	7	—	—	—	—
March	−14·2	−22·3	−1·1	−32·2	3·9	−40·0	—	—	7	8	7	—	—	—	—
April	−7·9	−20·9	3·3	−26·1	8·9	−32·2	—	—	6	7	5	—	—	—	—
May	0·0	−4·8	7·2	−12·8	13·9	−21·1	—	—	8	8	5	—	—	—	—
June	6·1	0·7	13·3	−3·3	18·9	−5·6	—	—	13	11	8	—	—	—	—
July	10·2	4·9	17·2	1·1	21·1	−2·8	—	—	35	49	12	—	—	—	—
August	9·8	5·3	15·6	1·7	21·7	−1·1	—	—	80	52	15	—	—	—	—
September	6·2	2·3	10·6	−1·7	13·9	−4·4	—	—	58	43	13	—	—	—	—
October	0·4	−3·8	6·7	−11·1	15·0	−20·6	—	—	27	26	13	—	—	—	—
November	−5·6	−10·9	2·2	−22·2	7·2	−33·3	—	—	15	30	13	—	—	—	—
December	−13·4	−19·7	−0·6	−29·4	4·4	−33·3	—	—	7	7	10	—	—	—	—
Year	−3·2	−9·0	18·9*	−36·1*	21·7	−42·2	—	—	271	52	115	—	—	—	—
No. of Years	15	15	15	15	15	15	—	—	16	15	8	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Wrangell 56° 28′ N 132° 23′ W 11 m — Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·6	−4·1	8·3	−12·2	16·7	−23·3	—	—	186	109	21	—	—	—	—
February	2·7	−3·3	8·3	−12·2	17·2	−22·2	—	—	149	77	18	—	—	—	—
March	5·7	−0·9	10·6	−7·2	16·1	−17·8	—	—	139	74	19	—	—	—	—
April	9·8	2·1	16·1	−1·7	24·4	−6·7	—	—	128	62	19	—	—	—	—
May	14·3	5·4	22·2	1·1	30·0	−3·3	—	—	105	38	18	—	—	—	—
June	17·1	8·6	23·9	4·4	32·8	−0·5	—	—	100	42	16	—	—	—	—
July	18·1	10·1	23·9	6·7	33·3	3·3	—	—	133	61	19	—	—	—	—
August	17·7	9·6	23·3	5·6	27·2	−0·5	—	—	162	77	17	—	—	—	—
September	14·6	7·3	19·4	2·2	27·8	−11·7	—	—	205	91	20	—	—	—	—
October	10·2	4·1	15·0	−1·7	22·2	−7·8	—	—	325	106	24	—	—	—	—
November	5·9	0·1	12·2	−7·2	18·9	−16·7	—	—	253	97	22	—	—	—	—
December	2·7	−2·7	9·4	−11·1	15·6	−21·1	—	—	210	82	21	—	—	—	—
Year	10·1	3·0	26·1*	−16·1*	33·3	−23·3	—	—	2095	109	235	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	23	—	—	—	—

Yakataga 60° 05′ N 142° 30′ W 5 m — Alaska

Period 1943–60 Bibliography 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·2	−5·7	6·4	−14·4	9·4	−22·8	—	—	237	108	20	—	—	—	—
February	2·0	−4·9	7·2	−13·4	10·0	−20·6	—	—	165	73	16	—	—	—	—
March	3·4	−3·7	8·2	−11·5	11·1	−23·9	—	—	131	60	18	—	—	—	—
April	6·2	−1·1	11·4	−6·4	18·3	−15·0	—	—	147	104	16	—	—	—	—
May	9·6	2·8	15·6	−1·9	24·4	−5·0	—	—	157	75	17	—	—	—	—
June	12·6	6·4	17·7	1·6	23·9	0·0	—	—	107	64	14	—	—	—	—
July	14·4	8·8	19·8	4·7	25·6	2·2	—	—	161	78	14	—	—	—	—
August	14·5	8·3	18·2	3·6	22·2	1·1	—	—	207	108	17	—	—	—	—
September	12·4	5·6	16·4	0·1	21·7	−2·2	—	—	364	119	21	—	—	—	—
October	8·4	1·8	13·0	−3·2	16·1	−8·3	—	—	397	132	23	—	—	—	—
November	4·2	−1·3	9·6	−8·0	13·3	−15·6	—	—	330	191	20	—	—	—	—
December	1·6	−3·7	6·9	−11·1	11·7	−18·9	—	—	318	172	22	—	—	—	—
Year	7·5	1·1	21·4*	−16·9*	25·6	−23·9	—	—	2721	191	218	—	—	—	—
No. of Years	17	17	17	17	17	17	—	—	18	18	11	—	—	—	—

Yakutat Bay 59° 31′ N 139° 40′ W 9 m — Alaska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·4	−6·6	6·1	−16·7	10·0	−30·0	81	80	278	130	18	—	—	—	—
February	1·7	−5·7	6·7	−15·0	13·3	−25·6	84	78	209	110	17	—	—	—	—
March	3·7	−4·4	8·9	−13·9	13·9	−25·0	82	73	219	73	18	—	—	—	—
April	6·9	−1·3	12·8	−7·8	18·9	−16·1	77	71	182	102	17	—	—	—	—
May	10·6	2·6	18·3	−2·2	26·7	−12·8	79	74	205	78	18	—	—	—	—
June	13·8	6·3	21·1	1·1	27·8	−1·1	81	75	133	77	15	—	—	—	—
July	15·3	8·6	21·7	4·4	28·9	2·2	84	78	217	134	17	—	—	—	—
August	15·4	8·2	20·6	3·3	30·0	−1·1	85	79	268	180	18	—	—	—	—
September	14·3	5·6	17·8	−0·6	25·0	−4·4	88	79	417	157	20	—	—	—	—
October	8·4	1·9	13·3	−5·0	16·7	−11·1	83	79	495	89	23	—	—	—	—
November	4·4	−1·9	9·4	−10·0	15·0	−23·3	86	85	405	135	21	—	—	—	—
December	1·2	−4·7	6·7	−15·6	11·1	−26·1	87	87	299	125	21	—	—	—	—
Year	7·9	0·7	24·4*	−20·0*	30·0	−30·0	83	78	3327	180	223	—	—	—	—
No. of Years	27	26	27	26	27	26	12	12	27	27	27	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Flagstaff 35° 08′ N 111° 40′ W 2131 m Arizona

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·7	−9·9	13·0	−20·2	18·3	−34·4	80	58	46	44	7	—	—	—	—
February	5·9	−8·6	14·8	−19·0	18·9	−27·2	81	55	46	42	7	—	—	—	—
March	9·7	−5·8	17·7	−15·0	21·1	−22·8	77	43	38	62	7	—	—	—	—
April	14·8	−2·2	22·2	−8·9	25·6	−13·9	73	35	30	48	6	—	—	—	—
May	19·9	1·1	26·4	−4·5	30·6	−9·4	67	27	13	20	3	—	—	—	—
June	25·2	5·3	31·2	−1·4	34·4	−5·6	57	23	18	61	3	—	—	—	—
July	27·4	9·8	32·2	5·5	33·9	0·0	71	35	58	53	11	—	—	—	—
August	26·1	9·3	30·9	5·1	33·3	1·7	81	43	71	58	12	—	—	—	—
September	23·7	5·7	29·0	−0·3	32·8	−5·6	75	35	41	70	7	—	—	—	—
October	17·3	−0·7	24·0	−7·1	28·3	−15·6	75	38	38	47	5	—	—	—	—
November	10·8	−6·3	19·3	−13·9	22·2	−25·0	75	43	25	37	4	—	—	—	—
December	6·6	−8·4	15·4	−17·3	26·1	−28·3	78	53	43	76	7	—	—	—	—
Year	16·0	−0·9	32·7*	−23·1*	34·4	−34·4	74	41	467	76	79	—	—	—	—
No. of Years	30	30	30	30	30	30	28	28	30	30	30	—	—	—	—

Phoenix 33° 26′ N 112° 01′ W 340 m Arizona

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	17·8	1·8	24·9	−1·3	29·4	−6·1	72	44	18	30	4	262	78	—	—
February	20·1	3·8	27·4	0·5	32·2	−4·4	71	42	23	43	4	271	78	—	—
March	23·9	6·1	30·7	3·1	35·0	0·6	60	31	18	33	3	331	85	—	—
April	28·8	10·2	35·8	6·3	38·9	3·3	50	25	8	31	2	360	89	—	—
May	33·8	13·9	40·1	11·2	44·4	8·3	41	19	3	20	1	408	94	—	—
June	38·7	18·6	43·9	15·9	46·1	12·2	37	17	3	13	1	411	94	—	—
July	40·3	23·9	44·9	21·4	46·7	18·9	51	29	20	52	4	390	86	—	—
August	38·7	23·0	43·3	20·8	46·1	18·3	60	35	28	70	5	379	85	—	—
September	36·8	19·6	42·3	16·3	46·7	11·7	55	29	18	78	3	354	90	—	—
October	30·4	12·6	37·2	8·2	39·4	3·9	58	30	13	37	2	323	87	—	—
November	23·2	5·8	30·4	2·3	34·4	−2·8	63	33	13	36	2	282	85	—	—
December	18·9	2·8	26·0	−0·3	30·6	−2·8	70	42	23	39	3	270	76	—	—
Year	29·3	11·8	45·2*	−2·1*	46·7	−6·1	57	31	188	78	34	4041	86	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Tucson 32° 07′ N 110° 56′ W 788 m Arizona

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	17·0	2·8	25·4	−3·9	30·6	−9·4	64	40	20	27	4	259	79	—	—
February	18·9	4·3	27·2	−2·8	33·3	−6·7	62	34	20	38	4	266	85	—	—
March	22·3	6·6	29·9	−0·6	33·3	−3·3	52	27	13	30	3	321	86	—	—
April	27·3	10·3	34·2	2·8	38·9	−2·8	43	21	8	19	2	353	90	—	—
May	31·9	14·2	38·2	7·6	41·7	3·3	34	16	3	50	1	397	93	—	—
June	36·8	19·5	41·8	12·4	43·9	8·3	33	17	8	40	1	392	92	—	—
July	36·9	23·4	42·0	18·8	44·4	13·9	57	32	53	100	10	328	75	—	—
August	34·8	21·9	40·4	18·3	46·1	15·0	67	38	74	73	9	327	80	—	—
September	34·1	19·7	39·7	13·9	42·2	6·7	55	30	25	69	4	340	91	—	—
October	28·4	13·8	35·7	5·7	39·4	0·6	52	29	15	37	3	322	90	—	—
November	22·2	6·8	29·7	−0·9	33·9	−5·0	52	29	15	32	3	276	88	—	—
December	18·3	3·8	25·8	−3·0	29·4	−7·8	60	37	23	29	4	271	85	—	—
Year	27·4	12·3	42·7*	−5·2*	46·1	−9·4	53	29	277	100	48	3852	86	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	12	—	—

*Average of highest/lowest each year

UNITED STATES

Yuma 32° 40′ N 114° 36′ W 61 m — Arizona

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	19·3	4·4	25·7	0·7	30·0	−5·6	56	34	10	35	3	269	84	—	—
February	21·7	6·3	28·1	1·8	34·4	−5·0	56	31	10	31	2	279	85	—	—
March	25·6	8·9	31·0	4·4	37·2	−0·6	51	24	5	37	1	337	91	—	—
April	30·1	12·8	38·1	7·1	41·7	−4·4	51	22	3	22	1	370	93	—	—
May	34·4	16·7	41·5	11·7	46·1	7·2	48	19	< 1	8	< 1	417	98	—	—
June	38·8	21·1	45·0	15·6	48·9	12·2	47	19	< 1	7	< 1	419	98	—	—
July	41·6	25·9	46·2	20·6	48·9	17·2	55	28	5	35	2	395	93	—	—
August	40·5	25·7	45·3	20·6	48·3	16·1	62	33	13	34	2	389	91	—	—
September	38·4	21·9	44·5	16·5	50·6	11·7	60	30	10	94	1	355	95	—	—
October	31·9	15·2	39·4	9·9	42·8	5·6	56	28	10	45	1	334	94	—	—
November	24·8	8·1	31·4	3·8	34·4	−1·1	50	27	3	11	1	289	91	—	—
December	20·2	5·3	26·4	1·2	30·0	−4·4	55	34	8	70	2	274	84	—	—
Year	30·6	14·4	46·9*	−0·6*	50·6	−5·6	54	27	77	94	16	4127	91	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

El Dorado 33° 13′ N 92° 48′ W 82 m — Arkansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·7	2·2	24·3	−7·7	28·3	−16·7	—	—	138	76	11	—	—	—	—
February	15·8	3·6	25·5	−6·6	30·6	−22·8	—	—	119	87	9	—	—	—	—
March	19·3	6·2	28·4	−2·8	32·2	−10·6	—	—	135	107	10	—	—	—	—
April	24·6	11·6	31·1	2·2	33·9	−1·7	—	—	139	271	9	—	—	—	—
May	28·4	16·1	33·4	8·8	37·2	2·2	—	—	115	103	8	—	—	—	—
June	32·9	20·4	36·8	14·3	42·2	10·6	—	—	79	105	6	—	—	—	—
July	34·3	22·2	38·4	17·8	42·8	11·7	—	—	104	140	8	—	—	—	—
August	34·5	21·4	38·5	16·6	44·4	10·6	—	—	77	94	7	—	—	—	—
September	31·6	18·1	36·9	10·1	41·1	3·3	—	—	63	92	5	—	—	—	—
October	26·2	11·6	32·6	2·4	36·7	−3·3	—	—	81	119	5	—	—	—	—
November	18·7	5·1	28·1	−3·8	30·0	−8·9	—	—	118	122	7	—	—	—	—
December	14·6	2·9	23·9	−6·7	28·3	−11·7	—	—	141	136	9	—	—	—	—
Year	24·5	11·8	39·4*	−10·1*	44·4	−22·8	—	—	1309	271	94	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Fort Smith 35° 20′ N 94° 22′ W 140 m — Arkansas

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·1	−1·4	22·1	−10·8	27·2	−18·9	80	64	69	123	8	132	47	—	—
February	12·6	0·4	24·1	−8·2	27·2	−22·8	79	61	86	92	8	155	50	—	—
March	17·0	4·2	27·4	−4·7	33·3	−13·9	76	53	89	93	9	201	54	—	—
April	23·1	9·9	31·1	1·4	33·9	−3·3	77	51	107	85	10	230	59	—	—
May	27·2	14·9	33·4	8·1	37·2	1·7	83	56	135	130	10	266	62	—	—
June	32·1	19·7	36·8	14·1	41·1	10·0	84	55	109	218	9	309	70	—	—
July	34·8	21·8	38·9	17·8	43·9	12·2	83	52	71	146	7	293	72	—	—
August	34·6	21·3	38·8	16·4	45·0	12·2	83	51	74	112	7	303	73	—	—
September	30·7	16·9	36·6	9·0	41·7	3·3	83	51	91	111	7	269	70	—	—
October	24·9	10·4	31·8	1·9	35·6	−5·6	84	51	89	135	7	237	66	—	—
November	16·6	3·4	26·6	−4·4	30·0	−9·4	80	55	81	106	6	189	56	—	—
December	11·4	0·0	21·9	−8·2	27·8	−15·6	81	62	71	112	8	158	48	—	—
Year	22·9	10·1	39·8*	−13·2*	45·0	−22·8	81	55	1072	218	96	2742	61	—	—
No. of Years	30	30	30	30	30	30	29	27	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Harrison 36° 14′ N 93° 07′ W 351 m — Arkansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·4	−2·9	21·2	−14·6	27·2	−22·8	—	—	70	76	6	—	—	—	—
February	11·4	−1·7	22·9	−12·4	27·8	−25·6	—	—	83	88	7	—	—	—	—
March	16·1	2·1	26·4	−8·3	30·0	−23·3	—	—	87	84	8	—	—	—	—
April	22·1	7·6	30·7	−2·8	33·3	−6·7	—	—	115	130	9	—	—	—	—
May	26·3	12·3	32·3	3·8	36·7	−1·1	—	—	145	108	10	—	—	—	—
June	30·9	17·1	35·6	9·9	40·6	6·1	—	—	131	136	9	—	—	—	—
July	33·6	19·0	38·0	12·8	44·4	6·7	—	—	82	141	7	—	—	—	—
August	33·4	18·4	38·3	11·5	44·4	7·2	—	—	70	64	7	—	—	—	—
September	29·6	13·6	35·6	4·1	41·1	−0·6	—	—	84	121	7	—	—	—	—
October	23·7	7·7	30·7	−1·6	35·6	−6·7	—	—	82	83	6	—	—	—	—
November	15·3	1·6	25·8	−8·4	29·4	−13·9	—	—	83	76	7	—	—	—	—
December	10·7	−1·7	21·7	−12·1	27·8	−21·1	—	—	65	103	6	—	—	—	—
Year	21·9	7·7	39·1*	−17·0*	44·4	−25·6	—	—	1097	141	89	—	—	—	—
No. of Years	29	29	30	30	30	30	—	—	30	30	30	—	—	—	—

Little Rock 34° 44′ N 92° 14′ W 78 m — Arkansas

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·3	−0·8	22·0	−8·9	28·3	−17·8	81	64	132	127	10	119	47	—	—
February	12·6	1·2	23·9	−6·6	27·8	−20·6	79	61	109	101	10	153	51	—	—
March	17·1	4·9	27·1	−2·8	30·0	−11·7	77	55	122	86	10	200	58	—	—
April	23·1	10·7	30·3	2·8	33·3	−1·7	78	53	124	126	10	232	63	—	—
May	27·5	15·3	32·7	9·4	36·1	4·4	83	56	135	195	10	268	67	—	—
June	32·1	20·0	35·9	15·2	40·6	11·1	83	55	91	96	9	314	73	—	—
July	33·7	21·7	37·7	18·4	41·7	13·3	85	56	84	110	8	296	71	—	—
August	33·6	21·2	37·7	17·2	43·3	12·8	86	54	71	69	7	309	76	—	—
September	30·2	16·8	35·7	10·8	41·1	2·8	85	53	81	93	7	269	71	—	—
October	24·4	10·1	31·0	3·3	34·4	−0·6	84	51	74	86	6	252	71	—	—
November	16·3	3·1	26·2	−3·3	30·0	−8·3	81	55	104	91	8	187	57	—	—
December	11·2	−0·2	22·1	−6·8	26·7	−12·8	82	63	104	86	9	151	47	—	—
Year	22·7	10·3	38·7*	−10·9*	43·3	−20·6	82	56	1231	195	104	2750	63	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

Pocahontas 36° 16′ N 90° 59′ W 101 m — Arkansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·1	−2·0	20·8	−12·9	25·0	−25·6	—	—	109	126	9	—	—	—	—
February	12·2	−0·7	22·4	−11·1	26·1	−26·1	—	—	101	84	8	—	—	—	—
March	16·9	3·2	26·2	−6·5	29·4	−14·4	—	—	117	140	9	—	—	—	—
April	22·8	8·7	30·1	−0·6	32·8	−4·4	—	—	115	98	9	—	—	—	—
May	27·3	13·2	33·2	5·2	37·8	0·6	—	—	124	81	9	—	—	—	—
June	31·9	18·4	36·7	11·2	42·8	7·2	—	—	92	70	8	—	—	—	—
July	33·8	20·1	38·3	14·7	43·3	10·0	—	—	90	66	8	—	—	—	—
August	33·9	19·5	38·3	13·3	44·4	8·3	—	—	79	79	6	—	—	—	—
September	29·9	15·6	36·3	6·8	41·7	2·2	—	—	69	108	7	—	—	—	—
October	24·8	8·9	31·8	−0·4	35·6	−6·7	—	—	86	79	6	—	—	—	—
November	16·4	2·4	26·0	−7·5	29·4	−13·9	—	—	109	97	7	—	—	—	—
December	10·9	−1·2	21·4	−11·1	25·6	−17·8	—	—	92	122	8	—	—	—	—
Year	22·6	8·8	39·3*	−15·4*	44·4	−26·1	—	—	1183	140	94	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Texarkana 33° 27′ N 94° 00′ W 110 m — Arkansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·7	1·8	23·9	−8·1	28·3	−16·7	83	66	122	135	9	—	—	—	—
February	14·9	3·4	25·4	−6·2	28·9	−19·4	82	57	102	88	8	—	—	—	—
March	18·8	6·7	28·3	−2·9	32·2	−11·7	80	53	119	136	9	—	—	—	—
April	23·8	11·7	30·6	2·4	33·9	−4·4	84	55	135	129	9	—	—	—	—
May	27·9	16·1	32·9	9·2	36·1	3·3	88	58	124	96	9	—	—	—	—
June	32·2	20·5	36·2	15·2	42·2	10·0	89	55	99	166	7	—	—	—	—
July	34·1	22·2	38·2	18·3	43·3	15·0	89	55	97	168	7	—	—	—	—
August	34·1	22·1	38·7	17·4	47·2	12·8	89	52	79	77	6	—	—	—	—
September	31·1	18·3	37·1	9·8	42·2	2·8	89	51	69	83	6	—	—	—	—
October	25·8	12·1	32·6	2·8	40·0	−1·7	88	52	76	113	5	—	—	—	—
November	18·3	5·8	27·9	−3·2	30·6	−7·8	83	56	109	104	7	—	—	—	—
December	13·7	2·8	24·0	−6·2	28·9	−11·1	82	59	114	107	8	—	—	—	—
Year	23·9	12·0	39·6*	−10·2*	47·2	−19·4	85	56	1245	168	90	—	—	—	—
No. of Years	30	30	30	30	30	30	12	8	30	30	30	—	—	—	—

Alturas 41° 29′ N 120° 32′ W 1330 m — California

Period 1932–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·1	−8·9	11·7	−20·0	18·9	−35·6	—	—	41	54	10	—	—	—	—
February	7·5	−6·9	14·4	−18·2	23·9	−34·4	—	—	38	24	9	—	—	—	—
March	10·8	−3·8	19·6	−12·3	27·8	−21·1	—	—	35	27	9	—	—	—	—
April	16·7	−1·6	25·2	−7·9	29·4	−12·8	—	—	25	17	7	—	—	—	—
May	20·2	2·2	29·2	−3·3	33·9	−6·1	—	—	35	40	9	—	—	—	—
June	25·2	5·3	33·7	−0·6	37·2	−2·8	—	—	29	35	5	—	—	—	—
July	31·1	7·1	36·2	2·8	41·7	−0·6	—	—	9	25	2	—	—	—	—
August	30·3	5·1	35·7	0·1	38·9	−3·3	—	—	6	18	1	—	—	—	—
September	27·3	2·4	34·1	−4·1	41·1	−9·4	—	—	10	18	3	—	—	—	—
October	20·2	−1·6	28·1	−8·1	32·2	−12·2	—	—	27	22	5	—	—	—	—
November	13·1	−5·3	20·3	−12·7	26·1	−20·0	—	—	35	34	7	—	—	—	—
December	7·7	−7·8	15·2	−17·3	21·7	−31·7	—	—	41	89	8	—	—	—	—
Year	17·9	−1·1	37·2*	−24·6*	41·7	−35·6	—	—	331	89	75	—	—	—	—
No. of Years	13	13	26	26	26	26	—	—	28	28	28	—	—	—	—

Bakersfield 35° 25′ N 119° 03′ W 151 m — California

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·1	3·0	21·6	−2·6	25·6	−7·2	86	71	30	40	7	—	—	—	—
February	17·2	5·0	24·2	−0·6	27·8	−3·3	82	61	28	23	7	—	—	—	—
March	20·7	6·9	28·1	1·8	32·2	−0·6	76	52	28	43	6	—	—	—	—
April	24·3	10·1	33·0	4·7	37·2	1·7	70	46	20	25	4	—	—	—	—
May	29·2	13·4	37·8	7·8	41·7	4·4	62	39	5	21	2	—	—	—	—
June	33·4	16·7	41·7	11·3	44·4	6·7	52	33	3	15	< 1	—	—	—	—
July	37·9	20·1	43·1	15·3	47·2	11·7	47	32	< 1	6	< 1	—	—	—	—
August	36·5	18·7	41·8	13·7	47·2	11·1	51	32	< 1	2	< 1	—	—	—	—
September	33·2	16·2	39·8	9·9	44·4	7·2	55	34	3	14	< 1	—	—	—	—
October	27·2	11·5	35·8	5·5	39·4	0·6	63	43	8	38	2	—	—	—	—
November	20·3	6·2	28·3	0·7	32·8	−5·6	73	54	13	35	3	—	—	—	—
December	15·0	3·6	22·6	−2·1	27·8	−5·6	83	70	25	26	6	—	—	—	—
Year	25·7	10·9	43·6*	−3·6*	47·2	−7·2	67	47	163	43	37	—	—	—	—
No. of Years	30	30	30	30	30	30	22	22	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Brawley 32° 59′ N 115° 32′ W 36 m California

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	20·3	3·9	26·0	−1·5	30·6	−7·2	—	—	10	24	2	—	—	—	—
February	23·2	6·0	28·8	0·8	33·9	−3·9	—	—	11	25	2	—	—	—	—
March	26·4	8·8	33·1	3·4	40·0	0·0	—	—	3	12	1	—	—	—	—
April	30·8	12·9	38·0	7·3	42·2	3·3	—	—	3	21	1	—	—	—	—
May	34·4	15·9	41·8	11·3	46·1	7·8	—	—	< 1	2	< 1	—	—	—	—
June	39·8	20·3	45·8	14·4	48·9	10·0	—	—	< 1	4	< 1	—	—	—	—
July	42·4	25·0	47·8	19·2	50·0	12·8	—	—	1	4	< 1	—	—	—	—
August	41·7	24·5	46·6	19·7	48·9	16·1	—	—	7	46	1	—	—	—	—
September	40·6	21·6	45·3	15·4	49·4	11·7	—	—	9	97	< 1	—	—	—	—
October	34·3	15·5	40·4	9·1	43·9	5·6	—	—	7	16	1	—	—	—	—
November	26·8	8·2	32·9	1·8	37·8	−3·3	—	—	2	22	1	—	—	—	—
December	22·1	4·2	27·8	−0·4	32·8	−3·3	—	—	11	30	2	—	—	—	—
Year	31·9	13·9	47·9*	−2·3*	50·0	−7·2	—	—	64	97	11	—	—	—	—
No. of Years	13	13	27	27	27	27	—	—	27	27	27	—	—	—	—

Eureka 40° 48′ N 124° 10′ W 13 m California

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	12·0	5·1	18·0	−0·4	23·9	−3·9	85	76	170	94	17	101	40	—	—
February	12·3	5·6	18·3	0·8	25·6	−2·8	86	75	140	123	14	137	46	—	—
March	12·5	6·0	18·7	1·6	24·4	−1·1	88	75	135	78	16	174	49	—	—
April	13·2	7·3	18·7	3·2	25·6	1·1	88	75	69	58	12	211	52	—	—
May	14·4	8·9	20·6	5·3	28·9	2·2	90	75	56	56	9	250	55	—	—
June	15·6	10·5	19·9	7·5	31·1	6·1	91	78	18	44	6	245	58	—	—
July	15·8	11·1	19·6	8·9	24·4	7·8	93	81	3	25	2	218	53	—	—
August	16·1	11·4	19·6	9·1	22·2	6·7	94	83	3	15	2	199	48	—	—
September	16·4	10·6	22·3	7·4	29·4	5·0	93	80	15	28	4	195	52	—	—
October	15·7	9·2	22·2	4·9	26·1	1·1	91	79	81	128	9	160	48	—	—
November	14·2	7·2	20·1	2·3	25·0	−1·7	88	77	117	64	12	116	43	—	—
December	12·8	5·9	18·1	0·7	21·1	−5·6	86	76	170	106	16	109	37	—	—
Year	14·3	8·2	24·7*	−1·2*	31·1	−5·6	89	77	977	128	119	2115	48	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	10	30	—	—

Fresno 36° 46′ N 119° 43′ W 99 m California

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	13·0	2·6	19·2	−2·4	22·8	−7·8	92	78	51	57	8	163	50	—	—
February	16·3	4·2	22·3	−0·8	26·7	−4·4	89	69	56	44	8	204	63	—	—
March	19·9	5·6	26·9	1·3	31·7	−3·3	86	58	51	54	6	300	76	—	—
April	24·5	8·0	32·0	3·9	36·1	0·0	81	48	28	24	4	331	83	—	—
May	29·2	11·0	36·6	6·8	39·4	3·3	73	40	8	25	2	378	89	—	—
June	33·4	14·0	40·7	10·4	43·3	6·7	65	35	3	42	1	425	95	—	—
July	37·8	17·0	42·1	13·3	45·6	10·0	58	33	< 1	1	< 1	434	96	—	—
August	36·4	15·6	40·7	12·7	44·4	10·6	63	35	< 1	2	< 1	409	97	—	—
September	33·4	13·5	39·3	9·6	43·9	2·8	69	39	3	16	1	354	95	—	—
October	27·1	9·2	34·7	4·4	37·8	−1·1	76	46	10	30	3	315	88	—	—
November	19·7	4·4	26·7	0·2	31·7	−2·8	83	59	23	34	3	228	75	—	—
December	13·6	3·1	20·1	−2·1	24·4	−7·8	91	77	51	44	8	167	48	—	—
Year	25·4	9·0	42·6*	−3·5*	45·6	−7·8	77	51	284	57	44	3708	80	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	9	30	—	—

*Average of highest/lowest each year

UNITED STATES

Greenland Ranch 36° 27′ N 116° 52′ W 51 m California

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						per cent		millimetres			hours		hours	
January	18·7	3·3	24·7	−2·1	30·0	−7·2	—	—	5	23	1	—	—	—	—
February	22·4	6·4	28·2	0·7	33·3	−6·1	—	—	6	25	2	—	—	—	—
March	27·4	11·3	33·9	5·6	37·2	1·7	—	—	5	13	2	—	—	—	—
April	33·2	17·1	39·6	9·4	45·0	5·0	—	—	4	15	1	—	—	—	—
May	36·9	21·7	44·0	14·5	48·3	10·6	—	—	2	12	1	—	—	—	—
June	42·1	26·2	48·7	18·8	51·1	12·2	—	—	< 1	3	< 1	—	—	—	—
July	46·3	30·9	50·5	24·3	53·9	20·0	—	—	3	19	< 1	—	—	—	—
August	44·8	29·2	49·7	22·7	52·8	18·3	—	—	4	28	1	—	—	—	—
September	41·4	23·9	46·7	16·8	49·4	8·9	—	—	3	24	1	—	—	—	—
October	33·7	16·6	39·9	9·7	44·4	4·4	—	—	2	14	1	—	—	—	—
November	25·1	8·2	31·7	2·0	35·0	−2·2	—	—	5	23	1	—	—	—	—
December	19·3	3·9	25·2	−1·1	31·7	−5·0	—	—	8	18	2	—	—	—	—
Year	32·6	16·6	50·9*	−2·9*	53·9	−7·2	—	—	47	28	13	—	—	—	—
No. of Years	20	20	30	30	30	30	—	—	30	30	30	—	—	—	—

Los Angeles 33° 56′ N 118° 23′ W 30 m California

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000	0400	1000					
	degrees Celsius						per cent		millimetres			hours		hours	
January	17·7	7·2	26·1	4·0	30·6	−2·8	67	49	69	116	7	216	71	—	—
February	17·6	8·2	25·8	4·8	32·8	−0·6	71	51	74	102	6	229	70	—	—
March	18·3	9·4	27·7	6·1	33·9	2·8	76	50	46	87	5	278	74	—	—
April	19·4	11·1	27·9	7·8	35·6	5·6	80	54	28	70	4	264	67	—	—
May	20·4	12·9	29·4	10·0	37·2	7·2	82	56	3	13	1	294	68	—	—
June	22·1	14·7	28·6	12·1	37·8	8·9	85	60	3	12	1	310	69	—	—
July	24·4	16·8	31·2	14·2	36·1	11·1	85	57	< 1	1	< 1	362	80	—	—
August	24·1	17·1	31·8	14·3	36·7	10·6	86	57	< 1	5	1	342	81	—	—
September	24·3	16·2	33·2	12·8	42·2	8·3	82	55	5	138	1	303	79	—	—
October	22·8	13·8	33·0	10·1	39·4	3·9	76	51	10	58	2	267	75	—	—
November	21·7	10·6	30·3	6·8	35·6	4·4	63	42	28	59	3	246	80	—	—
December	19·2	8·5	27·6	4·3	34·4	−4·4	65	47	61	187	6	237	70	—	—
Year	21·0	12·2	36·3*	2·5*	42·2	−4·4	77	52	327	187	37	3348	74	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Red Bluff 40° 09′ N 122° 15′ W 104 m California

Period 1931–60 Bibliography 23,24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						per cent		millimetres			hours		hours	
January	11·9	3·1	20·1	−3·1	25·6	−8·3	82	70	109	77	12	139	52	—	—
February	14·8	4·8	22·9	−1·6	28·9	−5·0	78	62	84	63	10	194	61	—	—
March	18·1	6·5	26·9	0·4	33·3	−6·7	74	53	69	53	9	263	66	—	—
April	22·4	9·2	32·0	3·3	36·7	−2·2	69	43	46	43	7	306	77	—	—
May	27·4	12·8	36·9	5·5	42·2	−0·6	66	41	28	42	5	378	79	—	—
June	32·4	16·7	41·4	10·5	45·6	5·6	55	33	13	30	3	396	86	—	—
July	37·6	19·9	43·1	14·2	46·1	11·7	48	28	< 1	11	< 1	439	95	—	—
July	36·1	18·3	41·8	12·8	45·6	10·6	49	29	3	15	< 1	407	95	—	—
	32·8	16·1	40·5	9·9	45·6	6·1	49	31	10	33	2	343	92	—	—
June	25·9	11·4	35·0	4·6	40·0	−1·7	62	42	36	58	5	284	81	—	—
No. of Years	18·7	6·3	27·0	0·1	33·9	−3·9	73	55	58	58	7	203	67	—	—
Year	12·9	3·8	20·7	−2·2	27·2	−7·8	82	71	107	86	10	158	50	—	—
Year	24·3	10·7	43·8*	−4·1*	46·1	−8·3	66	47	563	86	70	3510	75	—	—
No. of Years	30	30	30	30	30	30	21	21	30	30	30	10	20	—	—

*Average of highest/lowest each year

UNITED STATES

Sacramento 38° 31′ N 121° 30′ W 5 m California

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h or more	Average No. of days with 0·3 mm	Average monthly duration possible	Average per cent of one day	Maximum duration in no sun	Average No. of days with
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						per cent		millimetres			hours		hours	
January	11·8	2·9	17·2	−1·1	21·1	−5·6	90	80	81	89	11	124	44	—	—
February	14·8	4·3	20·4	0·4	23·3	−3·3	87	73	76	84	9	182	55	—	—
March	18·2	5·6	25·0	2·3	28·9	−0·6	85	63	61	64	8	256	68	—	—
April	21·9	7·4	30·1	4·6	35·6	1·1	84	55	36	85	5	305	76	—	—
May	25·7	9·8	35·0	6·7	38·9	2·8	81	48	15	49	3	368	83	—	—
June	30·3	12·4	39·4	9·5	44·4	6·7	77	43	3	11	1	410	91	—	—
July	34·1	14·1	40·9	11·6	43·3	10·0	75	44	< 1	< 1	< 1	437	97	—	—
August	33·3	13·5	39·6	11·3	43·9	9·4	76	46	< 1	17	< 1	406	96	—	—
September	31·2	12·8	38·2	9·5	42·8	6·7	74	45	5	37	1	346	93	—	—
October	25·3	9·7	32·8	6·1	38·9	1·1	77	52	20	37	3	297	81	—	—
November	17·9	5·3	24·7	1·3	28·9	−2·2	84	64	38	44	6	201	65	—	—
December	12·6	3·4	18·4	−0·7	22·2	−8·3	89	80	81	76	10	138	41	—	—
Year	23·1	8·4	41·6*	−2·2*	44·4	−8·3	82	58	416	89	57	3470	74	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

San Diego 32° 44′ N 117° 10′ W 4 m California

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						per cent		millimetres			hours		hours	
January	18·1	7·4	24·4	4·2	31·1	−1·7	75	57	51	48	7	212	68	—	—
February	18·6	8·3	24·9	5·0	31·1	2·2	77	58	53	74	7	219	68	—	—
March	19·8	10·1	26·3	6·6	32·2	4·4	79	59	41	53	7	257	69	—	—
April	20·7	12·1	26·8	8·4	35·0	5·0	81	63	20	34	5	239	63	—	—
May	21·6	13·9	26·9	10·9	35·6	8·3	81	63	3	11	2	248	60	—	—
June	22·6	15·4	25·7	13·2	36·1	10·0	84	67	3	10	1	253	59	—	—
July	24·9	17·4	28·1	15·2	33·9	12·8	86	69	< 1	4	< 1	296	67	—	—
August	25·6	18·6	29·2	15·8	36·7	13·9	86	68	3	21	1	278	67	—	—
September	25·3	16·8	30·8	13·7	41·1	11·1	85	66	3	19	1	270	69	—	—
October	23·6	14·3	29·9	10·5	36·7	7·2	81	62	13	27	3	239	67	—	—
November	22·3	10·8	28·6	6·7	35·6	3·3	71	52	23	62	4	231	75	—	—
December	19·4	8·4	25·9	5·3	29·4	1·7	72	55	53	92	6	236	69	—	—
Year	21·9	12·8	33·4*	3·3*	41·1	−1·7	80	62	266	92	44	2978	67	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

San Francisco 37° 37′ N 122° 23′ W 2 m California

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						per cent		millimetres			hours		hours	
January	13·0	5·4	18·2	1·3	22·2	−2·2	85	75	102	50	11	154	54	—	—
February	14·7	6·3	20·2	2·7	25·0	−1·1	85	71	89	78	10	191	59	—	—
March	16·4	7·2	23·9	4·1	29·4	0·0	83	66	69	54	9	262	68	—	—
April	17·9	8·4	25·5	5·0	31·1	−4·4	85	66	33	58	6	297	71	—	—
May	19·4	9·8	28·8	7·3	34·4	3·9	85	66	13	39	3	328	71	—	—
June	21·2	11·3	29·8	8·6	38·9	6·1	87	65	3	16	1	341	74	—	—
July	22·2	11·9	27·2	9·4	37·2	6·7	90	69	< 1	4	< 1	295	67	—	—
August	22·1	12·1	28·6	9·4	32·8	7·2	90	69	< 1	6	< 1	275	65	—	—
September	23·2	12·2	32·7	9·4	37·8	5·0	88	66	5	58	1	275	72	—	—
October	21·4	10·3	29·3	7·1	33·3	2·2	85	65	18	35	4	242	69	—	—
November	17·6	7·7	24·5	4·6	28·9	−0·6	84	68	41	52	7	198	66	—	—
December	14·0	6·1	19·2	2·2	23·9	−2·8	86	74	104	76	10	179	55	—	—
Year	18·6	9·1	34·0*	0·4*	38·9	−4·4	86	68	477	78	62	3037	66	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Yosemite 37° 45′ N 119° 35′ W 1215 m California

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	8·1	−3·3	14·7	−9·4	18·9	−21·1	—	—	161	100	10	—	—	—	—
February	11·0	−2·0	18·4	−8·6	23·9	−17·2	—	—	163	130	10	—	—	—	—
March	15·2	−0·1	22·7	−5·9	25·6	−12·8	—	—	129	82	9	—	—	—	—
April	19·3	2·9	26·8	−3·1	31·7	−6·7	—	—	75	73	7	—	—	—	—
May	22·6	5·8	29·7	0·3	33·9	−3·3	—	—	38	42	6	—	—	—	—
June	27·1	8·8	33·6	3·2	37·8	−0·6	—	—	13	21	3	—	—	—	—
July	32·2	12·3	36·7	8·0	40·0	3·9	—	—	7	27	1	—	—	—	—
August	31·9	11·2	36·3	6·7	41·1	3·3	—	—	2	11	1	—	—	—	—
September	28·5	8·7	34·7	2·9	38·9	−1·1	—	—	14	81	2	—	—	—	—
October	21·7	4·2	29·0	−1·6	32·8	−5·0	—	—	43	56	5	—	—	—	—
November	14·3	−0·6	21·4	−5·3	26·7	−11·1	—	—	89	143	6	—	—	—	—
December	8·6	−2·3	14·6	−8·1	18·9	−13·9	—	—	180	176	9	—	—	—	—
Year	20·0	3·8	37·4*	−11·8*	41·1	−21·1	—	—	914	176	69	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Alamosa 37° 27′ N 105° 52′ W 2297 m Colorado

Period 1931–60 Bibliography 23,25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·0	−18·2	9·6	−30·4	16·1	−45·6	73	56	8	10	3	—	—	—	—
February	5·0	−14·5	12·1	−25·9	17·8	−37·2	73	51	5	7	3	—	—	—	—
March	9·4	−9·3	17·2	−18·8	21·1	−27·8	69	39	8	12	4	—	—	—	—
April	14·9	−4·1	21·9	−13·3	25·6	−20·0	71	34	18	39	5	—	—	—	—
May	20·1	0·8	26·1	−6·2	29·4	−10·6	74	31	18	30	6	—	—	—	—
June	25·9	5·2	30·1	−1·0	32·8	−5·0	72	28	13	18	4	—	—	—	—
July	28·1	8·4	31·0	3·7	32·8	0·6	82	38	28	45	8	—	—	—	—
August	26·8	7·6	30·2	1·9	31·7	−0·6	85	42	25	35	9	—	—	—	—
September	24·0	2·3	28·4	−4·2	30·6	−8·3	77	34	20	45	5	—	—	—	—
October	17·9	−4·1	23·7	−12·2	26·1	−22·2	73	37	15	30	4	—	—	—	—
November	9·4	−12·2	17·0	−21·2	20·0	−34·4	73	46	8	14	3	—	—	—	—
December	3·3	−17·6	11·2	−26·3	16·1	−33·9	71	54	8	26	3	—	—	—	—
Year	15·6	−4·6	31·3*	−31·9*	32·8	−45·6	74	41	174	45	57	—	—	—	—
No. of Years	30	30	29	29	29	29	12	12	30	29	29	—	—	—	—

Colorado Springs 38° 49′ N 104° 43′ W 1882 m Colorado

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·5	−9·3	17·1	−20·5	21·1	−32·2	55	39	7	16	4	—	—	—	—
February	7·1	−7·7	18·5	−18·3	23·3	−32·8	60	39	8	42	4	—	—	—	—
March	9·8	−5·1	20·4	−15·5	23·9	−26·7	62	39	15	28	6	—	—	—	—
April	14·9	0·2	24·2	−8·8	27·2	−19·4	64	39	33	50	8	—	—	—	—
May	20·2	5·3	28·2	−1·0	32·8	−6·1	68	38	54	59	10	—	—	—	—
June	25·8	10·5	32·9	4·4	37·8	0·0	65	33	40	77	9	—	—	—	—
July	29·0	13·7	34·3	9·4	37·8	5·6	68	34	60	93	12	—	—	—	—
August	28·2	13·1	32·9	7·8	37·2	3·3	70	34	55	42	12	—	—	—	—
September	24·4	8·4	31·4	0·9	35·0	−3·3	62	32	27	64	6	—	—	—	—
October	18·2	2·2	26·6	−5·4	30·6	−10·0	57	33	18	41	4	—	—	—	—
November	10·7	−4·7	21·6	−15·7	25·0	−22·2	56	37	10	27	4	—	—	—	—
December	7·1	−7·4	18·5	−16·8	25·0	−31·1	54	37	6	43	3	—	—	—	—
Year	16·7	1·6	34·7*	−23·5*	37·8	−32·8	62	36	333	93	82	—	—	—	—
No. of Years	30	30	30	29	30	29	12	12	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Denver 39° 46′ N 104° 53′ W 1613 m

Colorado

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
			degrees Celsius				per cent		millimetres			hours		hours	
January	5·6	−9·6	17·3	−19·7	22·2	−31·1	60	42	14	20	5	211	69	—	—
February	7·0	−7·6	19·1	−17·7	23·9	−34·4	63	43	18	26	6	212	68	—	—
March	9·9	−5·1	21·6	−14·9	26·1	−23·9	64	40	31	35	9	253	67	—	—
April	15·8	0·2	26·1	−7·2	29·4	−14·4	65	38	54	61	9	250	63	—	—
May	21·4	5·4	30·0	−0·4	35·6	−5·6	69	38	69	59	11	283	61	—	—
June	27·8	10·6	34·8	5·4	40·0	0·0	65	33	37	52	8	333	70	—	—
July	31·3	14·1	36·3	10·9	40·0	6·1	63	31	39	36	9	323	71	—	—
August	30·4	13·4	35·4	9·7	38·3	5·0	65	32	33	49	8	314	70	—	—
September	26·1	8·3	33·3	2·2	36·1	−4·4	62	32	29	62	5	288	73	—	—
October	19·2	2·3	28·3	−4·6	31·7	−13·3	60	34	26	43	5	253	71	—	—
November	10·9	−4·7	22·3	−14·7	26·1	−22·2	59	38	18	25	5	195	67	—	—
December	7·3	−7·8	19·1	−17·5	23·3	−25·0	59	40	12	18	4	200	66	—	—
Year	17·7	1·6	36·8*	−23·2*	40·0	−34·4	63	37	380	62	84	3115	68	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Grand Junction 39° 07′ N 108° 32′ W 1478 m

Colorado

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
			degrees Celsius				per cent		millimetres			hours		hours	
January	1·6	−8·3	9·9	−15·9	15·6	−25·6	80	60	15	31	7	164	56	—	—
February	5·4	−4·8	14·1	−14·1	18·9	−29·4	75	54	18	15	8	181	60	—	—
March	11·6	−1·0	20·6	−8·0	25·0	−15·0	63	40	18	22	7	233	64	—	—
April	18·3	4·2	26·7	−2·7	30·6	−9·4	56	33	18	27	6	275	67	—	—
May	24·1	9·4	31·5	2·8	35·0	−1·1	52	27	15	27	5	317	71	—	—
June	29·9	13·7	35·9	7·1	39·4	3·3	43	23	10	22	4	369	77	—	—
July	33·6	17·7	37·9	13·8	40·0	11·7	47	27	15	24	5	354	77	—	—
August	31·7	16·7	36·6	11·9	38·9	7·2	54	32	28	31	7	321	74	—	—
September	27·3	12·4	33·5	5·9	36·1	1·1	52	31	23	47	5	297	78	—	—
October	19·7	5·9	27·3	−1·4	30·0	−4·4	59	35	18	23	5	266	74	—	—
November	9·7	−2·2	18·5	−9·3	22·2	−16·1	70	47	15	24	5	202	66	—	—
December	3·4	−6·7	11·3	−13·6	17·8	−22·8	79	60	15	29	6	191	57	—	—
Year	18·0	4·7	38·1*	−17·2*	40·0	−29·4	61	39	208	47	70	3170	68	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Las Animas 38° 04′ N 103° 13′ W 1186 m

Colorado

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				per cent		millimetres			hours		hours	
January	8·9	−9·7	18·7	−22·7	27·2	−35·6	—	—	12	30	3	—	—	—	—
February	11·4	−7·7	22·3	−17·8	29·4	−30·6	—	—	9	23	3	—	—	—	—
March	16·4	−4·3	27·1	−13·7	32·2	−30·6	—	—	17	22	4	—	—	—	—
April	22·5	2·2	32·0	−7·1	37·2	−15·0	—	—	28	47	5	—	—	—	—
May	27·6	8·3	35·8	0·2	38·9	−4·4	—	—	51	58	6	—	—	—	—
June	33·7	13·7	40·2	6·8	44·4	1·7	—	—	40	52	6	—	—	—	—
July	35·9	16·3	40·9	11·2	45·6	4·4	—	—	47	91	5	—	—	—	—
August	34·7	15·6	39·6	10·2	43·3	4·4	—	—	42	69	5	—	—	—	—
September	31·3	9·9	37·3	2·1	40·0	−4·4	—	—	26	68	3	—	—	—	—
October	24·5	2·9	32·3	−5·3	36·7	−11·1	—	—	17	36	2	—	—	—	—
November	15·2	−5·3	24·9	−15·1	32·2	−23·3	—	—	12	47	2	—	—	—	—
December	10·5	−9·0	20·7	−18·2	27·2	−27·8	—	—	9	20	2	—	—	—	—
Year	22·7	2·7	41·4*	−25·3*	45·6	−35·6	—	—	310	91	47	—	—	—	—
No. of Years	22	22	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Leadville 39° 15′ N 106° 18′ W 3102 m Colorado

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·9	−14·8	8·9	−25·1	15·0	−32·8	—	—	34	20	13	—	—	—	—
February	0·3	−14·4	9·7	−24·6	15·0	−35·0	—	—	38	33	13	—	—	—	—
March	2·3	−12·1	10·4	−21·4	15·6	−28·9	—	—	42	23	15	—	—	—	—
April	7·2	−6·9	15·0	−16·7	21·7	−25·6	—	—	48	27	12	—	—	—	—
May	13·2	−2·2	20·7	−8·5	24·4	−13·3	—	—	36	32	11	—	—	—	—
June	19·3	1·9	25·1	−3·5	30·0	−7·8	—	—	28	43	7	—	—	—	—
July	22·8	4·9	26·8	1·7	30·0	−1·7	—	—	70	110	13	—	—	—	—
August	21·7	4·5	26·2	0·8	28·3	−2·8	—	—	54	75	13	—	—	—	—
September	18·4	1·2	24·4	−4·9	27·8	−12·8	—	—	33	46	8	—	—	—	—
October	12·2	−3·9	19·7	−12·2	22·8	−17·8	—	—	28	37	7	—	—	—	—
November	4·1	−10·3	13·4	−21·4	16·7	−27·2	—	—	27	16	10	—	—	—	—
December	0·3	−13·3	10·0	−23·1	17·8	−25·6	—	—	30	34	11	—	—	—	—
Year	10·1	−5·5	27·4*	−28·0*	30·0	−35·0	—	—	468	110	133	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Mesa Verde Park 37° 12′ N 108° 30′ W 2121 m Colorado

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·3	−6·9	11·9	−16·1	16·7	−24·4	—	—	49	34	8	—	—	—	—
February	6·7	−6·3	14·1	−14·9	20·0	−26·1	—	—	50	47	8	—	—	—	—
March	10·2	−3·6	18·2	−11·5	22·8	−15·6	—	—	45	25	8	—	—	—	—
April	16·4	1·1	23·9	−6·7	28·9	−12·8	—	—	34	33	6	—	—	—	—
May	22·0	5·6	29·0	−1·6	32·2	−5·0	—	—	27	25	5	—	—	—	—
June	28·1	10·3	34·0	3·6	38·3	0·0	—	—	18	52	3	—	—	—	—
July	31·3	13·8	35·6	9·9	38·9	7·2	—	—	41	47	8	—	—	—	—
August	29·7	13·0	34·5	9·6	38·3	5·0	—	—	50	38	9	—	—	—	—
September	26·3	9·8	31·6	4·1	34·4	−1·7	—	—	39	50	6	—	—	—	—
October	19·2	3·8	25·8	−3·4	29·4	−10·6	—	—	42	55	6	—	—	—	—
November	11·1	−2·9	18·9	−11·3	23·9	−20·0	—	—	25	32	4	—	—	—	—
December	6·2	−6·0	13·7	−14·4	18·3	−21·1	—	—	43	41	7	—	—	—	—
Year	17·7	2·6	35·9*	−18·6*	38·9	−26·1	—	—	463	55	78	—	—	—	—
No. of Years	22	22	30	30	30	30	—	—	30	30	30	—	—	—	—

Pueblo 38° 17′ N 104° 31′ W 1414 m Colorado

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·4	−9·6	19·3	−21·6	23·9	−33·9	69	45	8	19	5	233	70	—	—
February	9·2	−7·1	21·2	−18·2	25·6	−35·0	70	44	13	22	5	226	71	—	—
March	12·7	−3·7	24·2	−13·9	30·0	−28·9	68	39	13	18	6	261	70	—	—
April	18·8	1·9	28·6	−6·8	31·1	−16·7	69	36	30	57	7	277	68	—	—
May	24·1	7·7	32·3	1·2	36·1	−3·9	72	36	46	61	9	298	69	—	—
June	30·5	12·9	36·8	7·2	40·6	3·3	68	32	30	50	7	358	77	—	—
July	33·4	16·0	37·8	11·7	40·0	6·7	69	32	46	40	8	351	77	—	—
August	32·1	15·3	36·6	10·7	39·4	6·1	72	35	48	75	8	332	75	—	—
September	28·1	10·3	34·7	3·1	37·8	−1·1	67	33	20	44	4	297	78	—	—
October	21·6	3·7	30·1	−4·2	32·8	−10·6	67	33	25	70	4	275	76	—	—
November	13·2	−4·3	23·4	−15·3	27·2	−24·4	68	39	13	21	3	236	79	—	—
December	9·3	−8·0	20·7	−18·1	25·6	−29·4	69	43	8	27	3	224	69	—	—
Year	20·0	2·9	38·2*	−25·1*	40·6	−35·0	69	37	300	75	69	3368	73	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Sterling 40° 37′ N 103° 12′ W 1201 m Colorado

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				per cent		millimetres			hours		hours	
January	3·7	−11·4	14·9	−22·8	21·7	−33·9	—	—	8	31	3	—	—	—	—
February	6·1	−9·5	18·6	−20·8	25·0	−33·9	—	—	9	12	3	—	—	—	—
March	10·3	−5·9	23·5	−17·3	29·4	−29·4	—	—	19	30	5	—	—	—	—
April	16·9	0·7	28·3	−8·5	32·8	−15·6	—	—	38	46	6	—	—	—	—
May	21·9	6·3	32·1	−1·2	35·0	−5·0	—	—	66	47	9	—	—	—	—
June	27·7	11·7	35·8	4·3	41·1	−1·1	—	—	66	71	9	—	—	—	—
July	31·8	14·6	37·7	9·6	40·6	2·8	—	—	47	62	7	—	—	—	—
August	31·0	13·6	36·8	7·7	40·6	−0·6	—	—	39	71	7	—	—	—	—
September	26·0	7·7	34·4	−0·1	37·8	−7·2	—	—	28	49	4	—	—	—	—
October	19·8	1·1	29·2	−6·7	35·0	−12·2	—	—	19	30	4	—	—	—	—
November	11·0	−6·2	22·3	−16·2	30·0	−25·0	—	—	10	24	3	—	—	—	—
December	5·9	−9·8	16·4	−20·7*	23·3	−31·7	—	—	9	21	2	—	—	—	—
Year	17·7	1·1	38·3*	−26·4*	41·1	−33·9	—	—	358	71	62	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Hartford 41° 56′ N 72° 41′ W 52 m Connecticut

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				per cent		millimetres			hours		hours	
January	2·0	−8·0	12·3	−17·3	21·1	−27·2	77	61	91	84	12	134	46	—	—
February	2·8	−7·5	12·3	−16·7	18·9	−31·1	75	58	74	61	11	157	54	—	—
March	7·2	−3·1	18·4	−11·5	30·0	−17·2	75	55	97	74	12	201	56	—	—
April	14·8	2·6	25·9	−3·3	32·8	−10·0	74	51	94	73	13	203	54	—	—
May	21·6	8·2	30·7	1·5	33·9	−2·2	75	51	86	93	12	256	57	—	—
June	26·2	13·3	33·5	7·3	37·8	3·3	78	54	94	80	11	292	62	—	—
July	28·6	16·1	34·5	11·2	37·8	8·9	80	54	91	73	10	295	64	—	—
August	27·2	15·2	33·8	9·3	38·3	3·3	84	56	102	196	10	256	63	—	—
September	22·9	10·7	31·6	2·6	38·3	−3·3	87	56	94	170	9	216	59	—	—
October	17·7	4·8	27·8	−2·4	31·7	−7·8	86	54	81	109	8	196	57	—	—
November	10·4	−0·2	20·6	−8·1	28·3	−13·9	82	58	97	90	10	134	46	—	—
December	3·6	−6·4	13·9	−16·3	19·4	−24·4	78	60	89	60	11	131	48	—	—
Year	15·4	3·8	35·4*	−20·2*	38·3	−31·1	79	56	1090	196	129	2471	55	—	—
No. of Years	30	30	30	30	30	30	26	26	30	30	30	10	26	—	—

New Haven 41° 16′ N 72° 53′ W 2 m Connecticut

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				per cent		millimetres			hours		hours	
January	2·8	−5·6	11·9	−14·6	19·4	−22·2	76	63	102	70	12	148	52	—	—
February	3·3	−6·1	11·5	−14·3	17·2	−26·1	75	60	81	59	11	173	59	—	—
March	7·2	−1·7	16·8	−9·6	23·3	−17·2	74	59	117	81	13	210	58	—	—
April	13·3	3·3	23·8	−1·7	30·0	−8·3	73	58	99	71	13	219	58	—	—
May	19·3	8·6	28·4	2·9	33·9	−3·3	75	60	94	81	12	261	61	—	—
June	24·0	13·9	32·2	8·4	37·2	4·4	74	62	89	191	11	293	65	—	—
July	26·9	17·3	33·2	12·6	37·8	8·3	79	62	86	109	10	311	67	—	—
August	26·3	16·6	32·5	10·9	37·8	7·2	80	63	107	93	10	286	66	—	—
September	22·9	12·5	29·9	4·7	35·0	0·6	81	61	99	163	9	240	64	—	—
October	17·6	6·8	25·9	−0·6	30·6	−3·9	81	58	89	88	8	222	63	—	—
November	11·1	1·6	19·3	−6·4	23·3	−11·7	79	60	104	94	10	162	53	—	—
December	4·7	−4·2	13·4	−13·9	16·7	−22·2	75	60	102	74	11	157	53	—	—
Year	14·9	5·2	34·3*	−17·3*	37·8	−26·1	77	61	1169	191	130	2682	60	—	—
No. of Years	30	30	30	30	30	30	28	28	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Dover 39° 09′ N 75° 31′ W 8 m — Delaware

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·1	−2·3	18·1	−11·5	24·4	−21·7	—	—	94	68	11	—	—	—	—
February	7·8	−2·5	17·9	−11·1	23·9	−23·9	—	—	75	58	10	—	—	—	—
March	12·0	1·0	22·9	−6·9	30·6	−13·9	—	—	102	56	12	—	—	—	—
April	18·4	6·2	28·4	−1·0	32·8	−5·0	—	—	89	68	11	—	—	—	—
May	24·2	11·8	31·7	4·1	35·0	0·0	—	—	105	137	11	—	—	—	—
June	28·8	16·7	34·8	9·4	37·8	5·0	—	—	88	101	9	—	—	—	—
July	30·8	19·4	35·9	13·2	40·0	10·6	—	—	119	115	10	—	—	—	—
August	29·7	18·6	35·2	12·2	37·8	8·9	—	—	146	136	11	—	—	—	—
September	26·6	14·9	33·1	6·3	37·2	0·6	—	—	97	161	8	—	—	—	—
October	20·7	8·9	28·8	0·4	35·0	−2·8	—	—	83	74	9	—	—	—	—
November	14·4	3·3	23·6	−5·3	29·4	−11·7	—	—	93	85	9	—	—	—	—
December	8·2	−1·6	18·4	−10·7	22·8	−19·4	—	—	79	59	10	—	—	—	—
Year	19·1	7·9	36·6*	−13·9*	40·0	−23·9	—	—	1170	161	121	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Washington 38° 54′ N 77° 03′ W 22 m — District of Columbia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0700	1300	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·9	−1·2	19·0	−9·7	26·7	−18·9	73	58	84	63	11	—	46	—	—
February	7·8	−1·2	19·2	−9·4	27·2	−21·1	70	52	68	41	9	—	53	—	—
March	12·2	2·2	24·8	−5·3	31·7	−11·7	70	49	96	71	12	—	55	—	—
April	18·9	7·6	30·5	0·5	35·6	−4·4	69	46	85	74	10	—	57	—	—
May	24·5	13·2	32·9	6·1	36·1	1·7	73	51	103	62	12	—	60	—	—
June	29·1	18·2	35·6	11·6	38·3	7·2	75	52	88	79	10	—	65	—	—
July	31·0	20·6	36·4	15·4	40·6	11·1	77	53	108	101	11	—	65	—	—
August	29·9	19·8	35·7	13·8	39·4	9·4	80	55	120	163	10	—	62	—	—
September	26·3	15·9	34·0	8·2	38·9	3·3	81	55	100	114	9	—	63	—	—
October	20·3	9·8	29·6	1·9	35·6	−2·8	81	54	78	93	8	—	60	—	—
November	13·7	4·1	24·0	−4·2	30·6	−10·0	77	52	75	81	9	—	54	—	—
December	7·7	−0·5	18·3	−9·1	23·3	−15·6	73	55	75	56	10	—	46	—	—
Year	19·0	9·0	37·3*	−12·1*	40·6	−21·1	75	53	1080	163	121	—	57	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	—	30	—	—

Apalachicola 29° 44′ N 84° 59′ W 4 m — Florida

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0700	1400	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·8	8·8	23·1	−0·3	26·1	−7·8	86	69	79	96	8	195	59	—	—
February	17·8	9·7	23·2	0·7	26·7	−6·1	85	67	99	95	8	195	61	—	—
March	20·0	12·2	25·4	3·4	27·8	−3·3	85	65	114	208	8	226	63	—	—
April	23·5	15·9	28·3	8·5	32·2	2·8	84	66	109	143	6	276	70	—	—
May	27·6	19·9	31·8	14·5	35·6	10·0	82	64	74	180	6	326	77	—	—
June	30·4	23·2	33·9	19·7	36·7	14·4	82	67	135	135	10	307	70	—	—
July	30·9	24·1	34·0	21·4	38·9	18·9	84	71	201	103	16	275	64	—	—
August	30·9	24·1	33·9	21·3	37·2	18·9	86	71	196	139	14	272	64	—	—
September	29·3	22·8	33·1	18·0	35·6	11·1	87	70	216	297	12	251	63	—	—
October	25·8	17·7	30·2	9·8	33·9	3·9	85	61	61	118	6	269	75	—	—
November	20·6	11·9	26·6	2·3	30·6	−4·4	84	64	66	104	6	222	68	—	—
December	17·3	9·1	23·5	0·4	27·8	−5·0	88	71	76	105	8	189	55	—	—
Year	24·2	16·6	35·2*	−2·7*	38·9	−7·8	85	67	1426	297	108	3003	66	—	—
No. of Years	30	30	30	30	30	30	16	16	30	30	30	10	27	—	—

*Average of highest/lowest each year

UNITED STATES

Daytona Beach 29° 11′ N 81° 03′ W 9 m Florida

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	20·9	9·3	27·6	0·3	33·3	−7·8	90	60	51	62	6	—	—	—	—
February	21·6	10·1	28·5	1·3	31·7	−4·4	89	58	69	91	7	—	—	—	—
March	23·4	11·9	30·7	2·3	33·3	−2·8	89	57	91	126	7	—	—	—	—
April	26·0	15·0	32·0	7·2	34·4	0·0	87	57	76	103	7	—	—	—	—
May	28·6	18·3	33·8	12·4	37·8	4·4	87	58	74	107	8	—	—	—	—
June	30·5	21·1	35·0	17·3	38·9	13·9	88	65	147	138	11	—	—	—	—
July	31·2	22·2	35·2	20·1	37·8	17·2	91	67	170	91	14	—	—	—	—
August	31·3	22·8	35·2	20·1	38·3	17·2	92	69	163	117	13	—	—	—	—
September	30·1	22·3	34·0	18·6	37·2	11·1	91	68	178	112	13	—	—	—	—
October	27·3	18·7	31·9	11·0	35·0	3·9	89	66	142	232	10	—	—	—	—
November	23·6	13·4	29·1	3·3	31·7	−3·9	90	61	58	143	7	—	—	—	—
December	21·2	10·2	27·3	0·9	30·0	−4·4	91	62	48	83	7	—	—	—	—
Year	26·3	16·3	36·3*	−2·2*	38·9	−7·8	89	62	1267	232	110	—	—	—	—
No. of Years	30	30	30	30	30	30	16	16	30	30	30	—	—	—	—

Jacksonville 30° 25′ N 81° 39′ W 7 m Florida

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	19·3	7·2	26·1	−0·8	28·9	−8·3	86	57	63	87	7	191	59	—	—
February	20·3	8·1	27·2	0·1	30·6	−5·6	84	54	74	78	8	196	60	—	—
March	22·9	10·6	29·5	2·4	32·8	−3·9	83	50	89	109	8	229	65	—	—
April	26·4	14·3	31·2	7·7	33·9	1·7	83	49	89	122	7	266	69	—	—
May	30·2	18·4	33·9	13·9	37·2	9·4	81	50	89	101	8	288	70	—	—
June	32·5	21·7	36·1	18·6	38·9	13·9	83	55	160	149	12	252	62	—	—
July	33·3	22·9	35·7	20·5	38·9	18·3	85	58	196	127	17	254	59	—	—
August	33·0	22·9	35·6	20·6	37·8	18·3	88	59	175	116	14	243	61	—	—
September	30·9	21·7	34·4	17·9	36·7	12·2	89	62	193	192	14	174	54	—	—
October	26·8	16·6	31·2	9·6	35·0	3·3	89	58	132	244	9	184	58	—	—
November	22·3	10·7	28·3	1·7	30·0	−5·0	87	56	43	71	7	189	60	—	—
December	19·3	7·5	25·9	−0·5	28·9	−8·3	87	60	56	62	7	174	54	—	—
Year	26·4	15·2	36·8*	−3·6*	38·9	−8·3	85	56	1359	244	118	2640	61	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Key West 24° 33′ N 81° 45′ W 2 m Florida

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	23·2	18·6	28·0	12·1	30·0	6·1	84	70	38	86	6	241	68	—	—
February	23·7	18·9	28·5	13·7	30·0	7·2	82	68	51	103	5	245	74	—	—
March	24·7	20·2	29·5	14·2	31·1	10·6	80	67	46	55	5	289	76	—	—
April	26·4	22·2	30·7	17·8	32·8	13·3	78	66	63	202	6	311	77	—	—
May	28·2	24·1	31·7	20·4	33·3	17·8	76	67	69	183	8	313	74	—	—
June	29·8	25·6	32·9	22·0	34·4	18·3	78	70	102	114	10	281	67	—	—
July	30·8	26·2	33·4	22·5	35·0	21·1	77	68	107	155	13	283	67	—	—
August	31·1	26·2	33·7	22·6	36·1	20·6	77	68	109	109	15	276	67	—	—
September	30·3	25·6	33·2	22·2	35·0	20·6	81	71	170	157	16	234	64	—	—
October	28·1	24·1	31·8	20·1	33·3	16·1	82	70	147	344	13	230	66	—	—
November	25·3	21·5	29·7	15·5	31·1	9·4	83	69	71	433	7	230	69	—	—
December	23·6	19·3	28·2	13·4	30·0	7·2	85	71	43	117	7	217	66	—	—
Year	27·1	22·7	33·9*	10·5*	36·1	6·1	80	69	1016	433	111	3150	69	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Miami 25° 48′ N 80° 16′ W 2 m — Florida

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	24·3	14·4	28·1	5·7	30·6	−2·2	84	59	51	58	6	239	67	—	—
February	25·0	14·9	29·1	6·9	31·7	0·0	84	56	48	92	6	233	71	—	—
March	26·6	16·2	30·4	7·6	32·2	0·6	82	56	58	180	6	269	71	—	—
April	28·1	18·8	31·4	11·9	33·9	3·9	79	56	99	320	8	283	72	—	—
May	29·7	20·9	32·5	16·6	34·4	10·6	78	59	163	178	10	276	68	—	—
June	31·1	23·1	33·6	20·1	36·7	16·1	81	64	188	151	13	255	61	—	—
July	31·6	23·7	33·8	21·6	37·8	18·9	81	64	170	143	17	270	63	—	—
August	32·1	23·8	34·1	21·8	36·7	20·0	83	63	178	260	16	261	64	—	—
September	31·1	23·7	33·3	21·5	35·0	19·4	85	66	241	262	19	212	59	—	—
October	29·3	21·6	31·8	16·6	34·4	10·6	85	64	208	253	15	200	60	—	—
November	26·8	18·1	29·6	9·6	32·2	3·3	84	60	71	172	9	224	65	—	—
December	25·1	15·1	28·0	7·1	31·1	−1·1	85	60	43	49	7	221	64	—	—
Year	28·4	19·5	34·7*	3·2*	37·8	−2·2	83	61	1518	320	132	2943	65	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Pensacola 30° 25′ N 87° 13′ W 4 m — Florida

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·6	7·9	23·0	−1·8	26·1	−10·0	84	66	109	207	9	175	54	—	—
February	17·6	8·9	23·2	−1·2	26·1	−10·6	83	64	109	197	9	179	57	—	—
March	19·9	11·4	25·7	1·9	31·1	−5·0	84	64	160	173	10	225	63	—	—
April	23·3	15·6	28·4	7·6	32·8	1·1	83	64	142	269	7	260	70	—	—
May	27·4	19·9	31·8	13·6	37·8	8·3	81	63	112	152	8	301	74	—	—
June	30·7	23·2	34·4	19·0	37·8	15·0	82	64	132	135	10	297	72	—	—
July	31·3	24·0	35·3	21·3	38·3	17·8	84	68	193	171	14	273	65	—	—
August	31·6	23·9	35·1	20·6	39·4	17·2	87	66	193	252	13	286	69	—	—
September	29·6	21·9	33·3	16·6	35·6	10·0	85	64	180	203	10	242	67	—	—
October	25·8	16·7	30·5	7·8	33·9	0·6	82	57	89	434	5	256	75	—	—
November	20·2	10·5	26·4	0·8	30·0	−5·6	81	59	86	137	6	199	65	—	—
December	17·2	8·3	23·2	−1·3	26·1	−6·7	85	65	107	92	10	167	52	—	—
Year	24·3	16·0	36·3*	−4·5*	39·4	−10·6	83	64	1612	434	111	2860	65	—	—
No. of Years	30	30	30	30	30	30	22	22	30	30	30	10	30	—	—

Tallahassee 30° 26′ N 84° 20′ W 20 m — Florida

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	18·4	5·9	25·8	−2·9	28·3	−9·4	86	57	86	69	9	—	—	—	—
February	19·4	6·8	26·4	−2·0	29·4	−7·8	86	53	107	74	9	—	—	—	—
March	22·3	9·4	29·1	0·2	32·8	−5·0	86	51	132	149	9	—	—	—	—
April	26·1	13·3	31·8	5·1	35·0	0·0	86	51	117	143	7	—	—	—	—
May	30·2	17·4	35·1	11·2	38·9	6·1	87	50	104	106	8	—	—	—	—
June	32·5	21·1	36·7	17·2	40·0	12·8	87	58	165	109	13	—	—	—	—
July	32·5	22·2	36·2	20·1	40·0	16·7	91	64	206	98	17	—	—	—	—
August	32·4	22·1	36·1	19·2	38·9	16·7	92	61	175	180	15	—	—	—	—
September	30·7	20·5	35·0	15·8	37·8	10·0	91	62	140	125	10	—	—	—	—
October	27·0	14·8	31·6	6·4	35·0	0·6	88	54	61	112	5	—	—	—	—
November	21·7	8·5	28·5	−0·8	30·6	−7·2	87	54	61	100	6	—	—	—	—
December	18·6	6·0	25·8	−2·7	28·9	−8·3	85	56	86	103	8	—	—	—	—
Year	26·0	14·0	37·6*	−5·6*	40·0	−9·4	88	56	1440	180	116	—	—	—	—
No. of Years	30	30	30	30	30	30	16	16	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Tampa 27° 58′ N 82° 32′ W 6 m Florida

Period 1931–60 Bibliography 23	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0630	Relative humidity: Average of observations at 1230	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 0·3 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	21·8	10·6	26·8	2·6	29·4	−3·3	88	60	53	89	6	227	68	—	—
February	22·7	11·4	27·3	3·4	30·6	−4·4	86	57	71	129	7	218	69	—	—
March	24·4	13·3	29·2	5·7	32·8	−0·6	85	56	94	110	7	250	70	—	—
April	27·4	16·3	31·3	10·6	33·9	5·6	84	53	71	108	6	278	73	—	—
May	30·6	19·2	33·7	15·6	35·6	12·2	83	52	74	73	7	317	76	—	—
June	31·9	22·1	34·8	19·4	36·7	16·7	85	59	185	264	13	283	66	—	—
July	32·1	23·0	34·7	20·9	36·7	17·8	86	63	218	230	17	268	60	—	—
August	32·4	23·2	34·5	21·2	36·1	19·4	88	63	208	126	16	241	62	—	—
September	31·5	22·4	33·9	19·9	35·6	15·0	90	62	175	208	15	233	63	—	—
October	28·8	18·7	32·2	12·8	35·0	5·6	89	57	71	133	7	227	68	—	—
November	24·9	13·8	29·4	4·9	31·1	−1·7	87	56	38	89	5	225	71	—	—
December	22·5	11·2	27·5	3·2	30·0	−3·3	88	60	48	83	6	209	65	—	—
Year	27·6	17·1	35·3*	0·1*	36·7	−4·4	87	58	1306	264	112	2976	68	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

West Palm Beach 26° 41′ N 80° 06′ W 5 m Florida

Period 1931–60 Bibliography 23	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0630	Relative humidity: Average of observations at 1230	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 0·3 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	24·2	14·6	28·6	5·3	30·6	−0·6	86	59	63	160	8	—	—	—	—
February	24·7	14·8	29·3	6·8	32·2	−1·1	85	57	58	74	8	—	—	—	—
March	25·9	16·2	30·5	7·3	33·3	−1·7	85	55	86	123	8	—	—	—	—
April	28·0	18·6	31·9	12·3	35·6	8·3	79	56	109	387	8	—	—	—	—
May	29·9	20·7	32·8	16·6	35·6	12·2	81	59	130	179	11	—	—	—	—
June	31·8	22·6	34·0	19·6	36·7	16·7	83	65	191	233	13	—	—	—	—
July	32·7	23·5	34·4	21·1	38·3	17·8	84	64	170	305	15	—	—	—	—
August	32·8	23·8	34·3	21·2	36·1	18·3	86	64	170	126	16	—	—	—	—
September	32·1	23·6	33·4	20·9	35·0	19·4	86	66	246	164	17	—	—	—	—
October	29·6	21·7	32·2	16·6	35·0	10·6	85	64	203	215	14	—	—	—	—
November	26·8	18·2	30·0	9·3	32·8	2·2	84	59	74	104	9	—	—	—	—
December	24·9	15·2	28·8	6·5	32·2	−0·6	85	59	66	95	9	—	—	—	—
Year	28·6	19·5	35·2*	2·8*	38·3	−1·7	84	61	1566	387	136	—	—	—	—
No. of Years	30	30	30	30	30	30	16	16	30	30	30	—	—	—	—

Atlanta 33° 39′ N 84° 26′ W 306 m Georgia

Period 1931–60 Bibliography 23	Temperature: Average daily Max.	Temperature: Average daily Min.	Temperature: Average monthly Max.	Temperature: Average monthly Min.	Temperature: Absolute Max.	Temperature: Absolute Min.	Relative humidity: Average of observations at 0630	Relative humidity: Average of observations at 1230	Precipitation: Average monthly fall	Precipitation: Maximum fall in 24 h	Precipitation: Average No. of days with 0·3 mm or more	Bright sunshine: Average monthly duration	Bright sunshine: Average per cent of possible	Bright sunshine: Maximum duration in one day	Bright sunshine: Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·2	1·9	21·4	−7·4	25·0	−15·6	81	62	112	83	11	142	47	—	—
February	13·6	2·5	22·6	−6·5	26·1	−15·0	78	58	114	82	11	155	51	—	—
March	17·2	4·9	26·2	−3·5	30·0	−12·2	79	54	137	122	12	196	58	—	—
April	22·3	9·9	29·6	2·2	31·7	−2·2	78	49	114	108	10	252	65	—	—
May	26·9	14·8	32·9	8·3	36·1	3·3	79	50	81	130	9	274	69	—	—
June	30·7	19·1	35·9	14·6	38·9	7·8	80	52	97	87	10	295	69	—	—
July	31·3	20·7	36·0	17·3	39·4	14·4	85	57	119	136	12	277	62	—	—
August	31·3	20·2	35·6	16·6	38·9	13·9	87	56	91	127	10	280	65	—	—
September	28·4	17·3	34·2	11·3	37·2	6·1	85	55	84	135	7	228	65	—	—
October	23·1	10·9	29·4	3·9	35·0	−1·7	83	52	61	115	7	225	67	—	—
November	16·7	4·5	24·9	−3·6	27·8	−16·1	80	53	76	104	8	180	59	—	—
December	11·8	1·6	20·8	−6·6	23·9	−12·2	81	61	112	82	11	159	48	—	—
Year	22·1	10·7	36·9*	−10·7*	39·4	−16·1	81	55	1198	136	118	2663	60	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Augusta 33° 22′ N 81° 58′ W 44 m — Georgia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0630	Average of observations at 1230	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·2	2·1	24·2	−5·3	28·9	−11·1	83	57	76	70	9	—	57	—	—
February	16·4	2·8	25·1	−4·8	27·8	−12·2	80	53	89	77	10	—	63	—	—
March	19·6	5·8	28·2	−1·8	32·2	−6·7	79	49	107	96	10	—	70	—	—
April	24·7	9·9	31·5	2·6	33·3	−1·1	79	46	91	90	8	—	74	—	—
May	29·1	14·9	34·4	8·9	37·2	4·4	79	46	76	82	8	—	79	—	—
June	32·6	19·6	37·7	15·2	40·6	10·6	80	50	76	63	10	—	79	—	—
July	32·9	21·1	37·7	17·7	41·1	12·8	85	54	114	92	11	—	73	—	—
August	32·8	20·7	36·9	17·1	40·0	12·8	88	55	99	97	11	—	74	—	—
September	30·3	17·8	35·4	11·6	40·0	7·8	87	54	76	109	8	—	73	—	—
October	25·6	11·3	31·3	3·6	36·1	−5·6	86	49	51	104	6	—	77	—	—
November	19·8	4·7	27·3	−3·2	31·1	−11·7	84	49	56	110	7	—	67	—	—
December	15·2	1·7	24·1	−5·5	27·2	−10·6	82	55	84	101	9	—	57	—	—
Year	24·5	11·0	38·7*	−7·8*	41·1	−12·2	83	51	995	110	107	—	70	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	—	19	—	—

Macon 32° 42′ N 83° 39′ W 109 m — Georgia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0630	Average of observations at 1230	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·7	3·4	24·1	−5·2	28·9	−12·2	83	55	86	140	10	184	56	—	—
February	17·1	4·1	24·7	−4·8	28·3	−12·2	80	52	109	81	10	177	58	—	—
March	20·5	7·1	28·2	−1·9	31·1	−7·8	80	48	124	106	11	223	63	—	—
April	25·7	11·6	31·3	3·0	33·9	−0·6	79	45	94	96	9	273	72	—	—
May	30·3	16·2	34·7	8·7	37·2	5·0	80	46	84	88	8	295	75	—	—
June	33·7	20·4	37·1	14·8	41·1	8·9	80	49	84	73	10	306	73	—	—
July	33·8	21·7	37·2	18·2	40·6	14·4	86	55	142	119	13	277	67	—	—
August	33·4	21·3	36·6	17·2	40·0	12·8	87	54	107	75	11	305	71	—	—
September	30·8	18·5	35·4	11·9	38·9	7·2	87	53	71	104	8	239	68	—	—
October	25·9	12·1	31·3	3·6	37·8	−3·3	86	49	51	71	6	231	69	—	—
November	20·0	5·9	27·1	−3·0	31·1	−12·2	83	48	63	74	7	206	65	—	—
December	15·6	3·3	23·7	−4·9	26·7	−9·4	83	55	104	105	10	179	54	—	—
Year	25·2	12·1	38·1*	−7·9*	41·1	−12·2	83	51	1119	140	113	2895	66	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Rome 34° 21′ N 85° 10′ W 194 m — Georgia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0630	Average of observations at 1230	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·6	−0·4	21·9	−9·1	26·7	−20·0	82	59	140	88	12	—	—	—	—
February	13·3	0·5	23·4	−8·3	27·2	−18·3	81	54	135	91	11	—	—	—	—
March	17·1	3·4	27·3	−4·8	31·1	−13·3	82	51	150	106	12	—	—	—	—
April	22·8	8·1	30·8	−0·4	33·9	−5·0	84	48	117	107	10	—	—	—	—
May	27·8	12·9	33·8	5·7	37·2	0·6	86	51	97	83	10	—	—	—	—
June	31·7	17·6	36·6	12·0	41·7	6·7	87	52	97	62	10	—	—	—	—
July	32·6	19·7	37·1	15·2	41·1	11·7	88	54	124	99	12	—	—	—	—
August	32·4	19·1	36·7	14·6	39·4	10·6	90	52	97	85	11	—	—	—	—
September	29·6	15·3	35·5	8·1	38·3	2·8	89	52	84	109	7	—	—	—	—
October	23·9	8·5	30·7	0·4	35·6	−6·1	90	52	74	98	7	—	—	—	—
November	16·8	2·2	25·9	−6·2	30·0	−16·1	85	49	86	85	8	—	—	—	—
December	11·9	−0·4	21·4	−8·3	25·6	−13·3	83	56	130	104	11	—	—	—	—
Year	22·6	8·9	38·1*	−11·8*	41·7	−20·0	86	53	1331	109	121	—	—	—	—
No. of Years	30	30	30·	30	30	30	12	12	30	30	30	—	—	—	—

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*Average of highest/lowest each year

UNITED STATES

Savannah 32° 08′ N 81° 12′ W 15 m — Georgia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·9	4·9	25·0	−3·1	28·9	−8·3	85	58	71	66	8	184	55	—	—
February	18·0	5·4	26·0	−2·3	28·9	−10·0	83	55	94	73	9	186	55	—	—
March	20·9	8·3	28·5	0·1	33·3	−6·7	82	52	102	91	9	229	61	—	—
April	25·2	12·3	31·4	5·3	34·4	1·1	82	51	94	107	7	276	68	—	—
May	29·3	16·7	34·7	11·6	38·3	6·7	82	52	97	105	8	298	70	—	—
June	32·3	20·6	37·1	16·9	39·4	11·7	81	56	130	152	11	291	66	—	—
July	32·9	21·9	36·9	19·4	40·0	16·1	86	60	168	136	14	277	61	—	—
August	32·7	21·8	36·4	19·3	40·0	16·1	88	59	168	146	12	287	62	—	—
September	29·9	19·7	34·9	14·8	38·3	10·0	90	61	135	224	10	217	57	—	—
October	25·6	13·5	31·6	6·7	34·4	−2·2	89	56	66	199	6	219	60	—	—
November	20·6	7·5	27·8	−0·8	30·0	−9·4	86	53	53	54	6	206	62	—	—
December	17·0	4·6	25·1	−3·1	27·8	−8·3	85	57	71	58	8	172	53	—	—
Year	25·1	13·1	38·1*	−5·8*	40·0	−10·0	85	56	1249	224	108	2842	61	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Waycross 31° 13′ N 82° 22′ W 43 m — Georgia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	19·6	5·4	27·1	−4·6	30·0	−10·0	—	—	69	86	8	—	—	—	—
February	20·3	6·3	27·3	−3·5	30·6	−8·9	—	—	88	74	9	—	—	—	—
March	23·2	8·9	30·1	−1·1	35·0	−6·7	—	—	103	126	8	—	—	—	—
April	27·2	12·4	32·2	3·6	34·4	0·0	—	—	90	164	8	—	—	—	—
May	31·1	16·9	35·4	9·2	38·9	4·4	—	—	91	97	8	—	—	—	—
June	33·3	20·2	37·7	15·4	41·1	11·1	—	—	126	84	11	—	—	—	—
July	33·8	21·6	37·3	18·6	40·6	15·0	—	—	177	114	15	—	—	—	—
August	33·8	21·4	37·3	18·0	40·0	15·0	—	—	143	86	14	—	—	—	—
September	31·5	19·6	35·9	13·3	40·0	8·9	—	—	136	116	11	—	—	—	—
October	27·7	13·7	32·8	4·6	36·1	−2·8	—	—	72	108	6	—	—	—	—
November	23·1	7·8	29·6	−2·8	33·3	−7·8	—	—	51	86	6	—	—	—	—
December	19·4	5·2	27·0	−4·5	30·0	−9·4	—	—	69	64	8	—	—	—	—
Year	27·0	13·3	38·4*	−6·8*	41·1	−10·0	—	—	1215	164	112	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Hilo 19° 43′ N 155° 04′ W 9 m — Hawaii

Period 1931–65 Bibliography 23, 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	25·9	17·1	29·2	14·9	31·7	12·2	81	69	300	344	21	153	44	—	—
February	25·9	17·0	28·8	14·9	31·1	12·8	81	69	328	219	19	146	42	—	—
March	25·7	17·2	28·6	15·0	31·7	13·3	81	67	373	488	24	138	39	—	—
April	26·1	17·9	28·8	16·1	31·7	13·3	82	67	302	364	25	122	33	—	—
May	26·9	18·7	29·2	16·9	32·8	15·0	81	68	236	151	26	105	30	—	—
June	27·8	19·2	29·4	17·7	31·1	16·1	79	66	173	128	25	166	41	—	—
July	28·0	19·7	29·6	18·1	31·1	16·1	82	67	249	164	28	182	44	—	—
August	28·4	20·2	30·2	18·3	33·9	17·2	83	71	292	235	28	161	37	—	—
September	28·3	20·1	30·4	18·2	33·3	16·7	80	67	216	179	25	125	41	—	—
October	28·1	19·8	30·2	17·8	32·8	16·7	80	67	274	189	25	140	41	—	—
November	26·9	18·8	29·3	16·7	31·1	14·4	83	71	340	323	24	106	33	—	—
December	26·0	17·8	28·5	15·5	31·1	13·3	82	71	386	259	23	112	38	—	—
Year	27·0	18·6	31·4*	14·1*	33·9	12·2	81	68	3469	488	293	1656	39	—	—
No. of Years	30	30	30	30	30	30	11	11	30	30	30	7	10	—	—

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*Average of highest/lowest each year

UNITED STATES

Honolulu 21° 20′ N 157° 55′ W 2 m Hawaii

Period 1931–65 Bibliography 23, 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	26·2	18·8	27·6	16·3	30·0	13·3	78	64	97	205	11	220	66	—	—
February	26·0	18·9	27·4	15·9	30·0	13·3	76	62	84	163	12	228	64	—	—
March	26·2	19·1	27·6	16·4	31·7	12·8	73	60	74	389	11	270	66	—	—
April	26·8	20·1	28·0	17·7	30·0	13·3	70	59	33	91	10	270	67	—	—
May	27·7	21·1	28·6	19·0	31·1	16·7	69	58	25	181	9	298	68	—	—
June	28·8	22·2	29·2	20·4	31·7	17·8	69	58	8	20	9	312	70	—	—
July	29·2	22·8	29·6	21·1	31·7	18·9	69	58	10	31	11	332	71	—	—
August	29·4	23·2	30·2	21·6	33·3	20·0	70	59	23	53	11	326	73	—	—
September	29·6	22·9	30·2	21·1	33·3	19·4	69	57	25	82	9	280	76	—	—
October	29·0	22·3	29·9	20·2	32·2	17·8	71	60	46	179	11	247	71	—	—
November	27·8	20·9	29·0	18·5	31·7	15·0	73	62	56	137	10	183	67	—	—
December	26·2	19·9	28·0	16·8	30·6	13·3	76	63	76	136	12	206	63	—	—
Year	27·7	21·0	30·6*	14·9*	33·3	12·8	72	60	557	389	126	3172	69	—	—
No. of Years	30	30	30	30	30	30	23	23	30	30	30	7	30	—	—

Kona 19° 39′ N 156° 01′ W 5 m Hawaii

Period 1949–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	27·1	18·1	29·3	15·1	30·0	11·1	—	—	87	138	6	—	—	—	—
February	27·1	18·3	28·9	15·2	30·0	8·9	—	—	43	47	7	—	—	—	—
March	27·3	18·2	29·4	15·6	30·6	8·9	—	—	55	94	8	—	—	—	—
April	27·7	19·1	29·5	16·7	32·2	10·0	—	—	41	45	11	—	—	—	—
May	27·9	19·8	29·5	17·7	31·7	12·8	—	—	55	27	15	—	—	—	—
June	28·2	20·4	29·4	18·1	30·6	12·2	—	—	56	38	15	—	—	—	—
July	28·8	20·8	30·3	18·7	32·8	14·4	—	—	63	43	12	—	—	—	—
August	29·4	21·0	30·7	18·7	32·2	8·3	—	—	62	42	14	—	—	—	—
September	29·5	20·9	31·0	19·4	32·2	14·4	—	—	44	42	10	—	—	—	—
October	29·1	20·6	30·8	18·4	33·3	14·4	—	—	45	81	9	—	—	—	—
November	28·5	19·8	30·2	17·3	32·2	12·8	—	—	46	165	7	—	—	—	—
December	27·6	18·5	29·8	15·3	33·9	12·2	—	—	43	63	8	—	—	—	—
Year	28·2	19·6	31·9*	13·8*	33·9	8·3	—	—	640	165	122	—	—	—	—
No. of Years	12	12	12	12	12	12	—	—	12	12	12	—	—	—	—

Lanai City 20° 50′ N 156° 55′ W 494 m Hawaii

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	22·7	14·8	25·6	11·4	27·8	8·9	—	—	117	169	13	—	—	—	—
February	22·3	14·9	25·4	11·6	27·8	7·8	—	—	95	103	12	—	—	—	—
March	22·4	15·1	25·4	12·2	28·3	9·4	—	—	110	199	11	—	—	—	—
April	22·9	15·8	26·2	13·3	28·9	11·7	—	—	74	109	11	—	—	—	—
May	23·7	16·7	26·0	14·1	28·3	12·2	—	—	68	136	11	—	—	—	—
June	24·7	17·4	26·8	15·2	28·9	13·9	—	—	41	170	9	—	—	—	—
July	25·1	18·1	27·2	15·8	30·0	13·9	—	—	44	75	10	—	—	—	—
August	25·6	18·6	27·8	16·4	30·0	13·9	—	—	45	49	10	—	—	—	—
September	25·7	18·0	28·0	15·7	30·0	13·9	—	—	58	88	9	—	—	—	—
October	25·2	17·7	28·0	15·1	31·1	13·3	—	—	75	105	11	—	—	—	—
November	23·9	16·6	26·8	13·6	29·4	10·0	—	—	73	286	10	—	—	—	—
December	22·7	15·7	25·6	12·2	27·2	8·9	—	—	94	138	13	—	—	—	—
Year	23·9	16·6	28·8*	10·7*	31·1	7·8	—	—	894	286	130	—	—	—	—
No. of Years	23	23	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Lihue 21° 59′ N 159° 21′ W 35 m Hawaii

Period 1931–65 Bibliography 23, 24	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						per cent		millimetres			hours		hours	
January	25·7	17·5	28·1	12·1	29·4	10·0	83	69	140	273	16	194	—	—	—
February	25·4	17·6	28·0	12·1	30·0	8·9	82	67	135	193	15	200	—	—	—
March	25·5	17·8	28·2	12·7	30·6	8·9	80	66	117	207	19	195	—	—	—
April	25·9	19·0	28·1	14·4	29·4	10·6	76	66	84	129	17	179	—	—	—
May	27·0	20·2	28·7	16·2	30·0	13·3	75	66	66	402	17	224	—	—	—
June	27·9	21·7	29·1	18·0	31·7	16·1	75	65	38	86	17	253	—	—	—
July	28·4	22·2	29·3	18·9	31·7	15·6	76	65	48	111	20	272	—	—	—
August	28·8	22·7	29·9	19·0	33·3	15·6	76	67	63	135	20	267	—	—	—
September	29·1	22·1	30·4	17·9	32·8	15·0	77	65	53	72	16	250	—	—	—
October	28·5	21·3	30·4	16·6	32·2	12·8	79	67	102	115	19	216	—	—	—
November	27·3	19·9	29·4	15·2	31·1	10·6	81	69	114	244	17	187	—	—	—
December	25·9	18·7	28·2	13·5	30·6	10·6	80	68	132	134	19	183	—	—	—
Year	27·1	20·1	30·9*	10·9*	33·3	8·9	78	67	1092	402	212	2620	—	—	—
No. of Years	30	30	30	30	30	30	11	11	30	30	30	7	—	—	—

Wailuku 20° 54′ N 156° 30′ W 61 m Hawaii

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	26·6	17·6	27·7	14·2	31·1	11·7	—	—	98	119	10	—	—	—	—
February	26·2	17·4	28·8	13·9	31·1	11·7	—	—	98	140	11	—	—	—	—
March	25·9	17·9	28·6	14·8	30·6	12·2	—	—	95	142	13	—	—	—	—
April	26·4	18·7	29·2	15·9	31·7	12·8	—	—	70	153	11	—	—	—	—
May	27·5	19·7	29·7	17·2	31·7	14·4	—	—	32	129	9	—	—	—	—
June	28·7	20·7	30·4	18·2	32·2	16·7	—	—	10	26	5	—	—	—	—
July	29·1	21·2	31·1	19·5	33·3	16·1	—	—	18	30	8	—	—	—	—
August	29·4	21·7	31·2	19·6	34·4	13·3	—	—	36	102	8	—	—	—	—
September	29·6	21·3	31·3	18·7	32·8	15·6	—	—	15	38	6	—	—	—	—
October	29·2	20·8	31·3	18·1	33·3	14·4	—	—	46	102	8	—	—	—	—
November	27·9	19·5	30·1	16·4	31·7	13·9	—	—	57	76	10	—	—	—	—
December	26·7	18·4	29·4	15·1	31·1	11·7	—	—	110	308	13	—	—	—	—
Year	27·8	19·6	32·1*	13·1*	34·4	11·7	—	—	685	308	112	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Boise 43° 34′ N 116° 13′ W 865 m Idaho

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1100							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·3	−5·5	10·6	−15·3	17·2	−27·2	83	74	33	13	12	101	40	—	—
February	5·8	−3·1	13·6	−11·3	19·4	−25·0	82	69	33	23	11	151	48	—	—
March	10·8	−0·1	19·4	−7·7	24·4	−23·3	76	57	33	28	10	217	59	—	—
April	17·4	3·0	26·7	−3·5	33·3	−11·7	71	47	30	30	8	273	68	—	—
May	22·2	6·9	31·7	0·1	35·0	−2·8	71	45	33	38	8	326	71	—	—
June	26·9	10·6	35·9	4·3	42·8	1·1	70	42	23	49	6	363	76	—	—
July	33·0	15·0	39·3	8·6	43·9	4·4	54	34	5	24	2	424	88	—	—
August	31·5	13·1	37·6	7·2	40·6	−0·6	52	33	5	20	2	380	87	—	—
September	26·0	8·1	34·5	1·9	38·9	−2·2	58	38	10	19	3	320	83	—	—
October	18·5	3·3	27·4	−2·7	31·1	−6·1	68	48	20	22	6	248	68	—	—
November	9·1	−1·8	17·7	−8·1	22·8	−19·4	79	64	30	28	9	159	49	—	—
December	4·1	−3·9	12·8	−11·9	21·1	−20·6	84	75	33	26	11	119	37	—	—
Year	17·3	3·8	39·8*	−18·3*	43·9	−27·2	71	52	288	49	88	3081	65	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

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*Average of highest/lowest each year

Challis 44° 30′ N 114° 14′ W 1576 m Idaho

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·4	−13·5	7·4	−25·0	13·3	−36·1	—	—	11	32	5	—	—	—	—
February	2·4	−10·3	10·6	−21·8	18·3	−35·0	—	—	9	13	5	—	—	—	—
March	8·1	−6·0	16·8	−15·2	23·3	−26·1	—	—	9	9	4	—	—	—	—
April	14·9	−1·4	23·4	−8·3	28·3	−16·1	—	—	14	19	4	—	—	—	—
May	20·2	3·2	28·1	−3·2	35·0	−8·9	—	—	28	23	8	—	—	—	—
June	24·1	7·0	31·8	0·7	36·7	−2·2	—	—	30	33	8	—	—	—	—
July	29·9	10·5	34·8	4·2	38·9	−0·6	—	—	15	22	6	—	—	—	—
August	28·7	8·8	34·1	3·3	36·7	−2·2	—	—	13	18	4	—	—	—	—
September	23·7	4·7	30·7	−2·2	34·4	−5·6	—	—	15	41	4	—	—	—	—
October	17·1	−1·0	24·9	−7·2	28·9	−15·6	—	—	11	22	3	—	—	—	—
November	6·9	−6·3	15·3	−14·8	23·9	−23·3	—	—	9	22	4	—	—	—	—
December	0·5	−11·2	9·2	−21·5	14·4	−33·3	—	—	11	26	5	—	—	—	—
Year	14·6	−1·3	35·4*	−27·2*	38·9	−36·1	—	—	175	41	60	—	—	—	—
No. of Years	29	29	30	30	30	30	—	—	30	30	30	—	—	—	—

Lewiston 46° 23′ N 117° 01′ W 431 m Idaho

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·2	−4·6	12·3	−14·3	18·9	−29·4	78	76	28	29	11	—	—	—	—
February	6·7	−2·4	15·2	−10·7	19·4	−26·1	78	69	25	19	9	—	—	—	—
March	11·4	0·4	20·3	−6·1	25·6	−16·7	76	59	30	59	10	—	—	—	—
April	17·1	3·8	28·2	−1·3	37·2	−5·6	73	51	28	24	9	—	—	—	—
May	21·8	7·5	33·4	2·1	40·0	−5·0	77	52	38	41	9	—	—	—	—
June	25·4	11·0	36·5	6·1	42·8	1·1	73	49	43	42	9	—	—	—	—
July	32·1	14·3	41·4	10·0	47·2	5·0	59	35	10	22	3	—	—	—	—
August	31·0	13·1	39·3	7·9	43·9	3·9	59	42	10	35	3	—	—	—	—
September	25·7	9·3	35·5	2·7	42·2	−1·1	67	45	23	44	6	—	—	—	—
October	17·6	4·6	26·8	−2·0	34·4	−8·9	81	66	30	28	9	—	—	—	—
November	8·7	−0·1	15·7	−6·7	23·3	−19·4	82	75	30	23	10	—	—	—	—
December	5·3	−2·1	13·6	−9·1	16·7	−20·0	82	77	36	23	11	—	—	—	—
Year	17·2	4·6	41·9*	−17·3*	47·2	−29·4	74	58	331	59	99	—	—	—	—
No. of Years	30	30	30	30	30	30	14	11	30	30	30	—	—	—	—

Pocatello 42° 55′ N 112° 36′ W 1355 m Idaho

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·2	−10·6	7·9	−21·5	12·8	−35·0	84	76	30	18	12	92	39	—	—
February	2·5	−7·9	10·6	−18·3	16·7	−33·3	82	71	23	16	11	143	48	—	—
March	7·8	−3·6	16·6	−11·6	22·2	−22·2	77	60	25	22	10	212	57	—	—
April	15·4	0·7	24·4	−5·4	28·9	−11·1	70	48	28	20	8	265	63	—	—
May	20·7	4·9	29·4	−0·9	33·9	−4·4	68	44	28	31	9	303	67	—	—
June	25·4	8·7	33·6	3·1	39·4	0·0	66	40	25	42	7	340	73	—	—
July	32·0	12·8	36·9	7·1	40·6	2·2	54	31	13	44	4	388	82	—	—
August	30·8	11·5	35·8	5·9	38·3	1·7	54	32	13	20	4	358	80	—	—
September	25·0	6·4	32·4	−0·7	36·1	−10·0	59	38	15	38	4	305	79	—	—
October	17·7	1·3	26·7	−5·1	29·4	−10·0	69	49	23	26	6	252	67	—	—
November	7·4	−4·2	16·7	−12·5	21·7	−25·0	78	64	25	21	7	160	51	—	—
December	2·4	−7·5	10·8	−17·4	17·2	−28·9	82	74	25	29	11	119	38	—	—
Year	15·6	1·0	37·2*	−24·7*	40·6	−35·0	70	52	273	44	93	2937	62	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Twin Falls 42° 35′ N 114° 28′ W 1149 m Idaho

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·5	−7·1	10·3	−18·3	16·1	−32·2	—	—	26	36	9	—	—	—	—
February	5·9	−4·9	13·3	−15·1	21·1	−31·1	—	—	18	14	7	—	—	—	—
March	11·3	−2·2	20·3	−9·6	24·4	−16·7	—	—	21	24	7	—	—	—	—
April	18·1	1·4	26·9	−5·6	32·2	−12·8	—	—	24	22	7	—	—	—	—
May	22·8	5·4	31·9	−1·1	37·2	−5·0	—	—	25	36	7	—	—	—	—
June	27·2	8·8	35·9	2·6	40·0	−0·6	—	—	20	22	5	—	—	—	—
July	33·1	12·4	38·4	6·3	41·1	3·3	—	—	6	14	2	—	—	—	—
August	31·7	10·4	37·0	4·3	40·0	0·0	—	—	4	14	2	—	—	—	—
September	26·5	6·0	34·8	−1·5	38·3	−10·0	—	—	12	49	3	—	—	—	—
October	19·4	1·7	28·6	−5·0	31·7	−10·0	—	—	19	25	5	—	—	—	—
November	9·9	−3·2	18·7	−10·9	24·4	−22·2	—	—	23	18	7	—	—	—	—
December	4·9	−5·4	13·0	−14·5	20·0	−27·2	—	—	22	21	8	—	—	—	—
Year	17·8	1·9	38·9*	−20·8*	41·1	−32·2	—	—	220	49	69	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Wallace 47° 28′ N 115° 56′ W 844 m Idaho

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·5	−6·6	8·1	−17·8	11·7	−28·9	—	—	135	55	16	—	—	—	—
February	3·5	−4·9	10·4	−15·6	16·1	−31·1	—	—	111	50	14	—	—	—	—
March	7·5	−2·9	16·4	−11·8	23·3	−23·3	—	—	101	41	15	—	—	—	—
April	14·2	0·3	25·1	−5·3	32·2	−17·2	—	—	69	33	12	—	—	—	—
May	19·5	3·7	30·1	−1·6	36·1	−6·7	—	—	65	45	11	—	—	—	—
June	22·4	6·7	32·5	1·5	38·3	−2·8	—	—	71	60	10	—	—	—	—
July	28·6	8·7	36·7	3·2	41·7	−1·1	—	—	28	55	5	—	—	—	—
August	27·3	7·7	35·2	2·5	38·9	0·0	—	—	23	41	5	—	—	—	—
September	22·2	5·2	31·7	−1·7	37·8	−5·6	—	—	55	37	8	—	—	—	—
October	14·4	1·8	24·2	−4·6	31·7	−17·2	—	—	107	63	12	—	—	—	—
November	5·5	−2·6	13·3	−11·0	18·9	−22·8	—	—	144	75	15	—	—	—	—
December	1·9	−4·2	8·8	−12·9	12·8	−22·2	—	—	162	68	17	—	—	—	—
Year	14·0	1·1	37·1*	−21·2*	41·7	−31·1	—	—	1071	75	140	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Cairo 37° 00′ N 89° 10′ W 96 m Illinois

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	7·0	−1·0	18·9	−11·8	23·9	−21·1	81	67	114	147	10	125	45	—	—
February	9·2	0·5	20·3	−9·6	23·9	−20·6	79	65	94	121	10	158	52	—	—
March	13·9	4·1	24·5	−5·1	27·8	−14·4	78	59	122	137	12	222	59	—	—
April	20·5	9·9	29·1	1·9	31·1	−4·4	77	54	104	96	11	256	64	—	—
May	25·8	15·2	32·5	7·8	36·7	3·9	81	57	112	140	11	288	69	—	—
June	30·8	20·1	36·0	13·8	40·0	10·6	81	57	104	108	10	323	76	—	—
July	32·4	22·1	36·9	17·4	40·6	12·2	83	57	81	116	9	334	79	—	—
August	31·8	21·4	36·3	15·7	39·4	11·7	87	59	79	144	8	332	79	—	—
September	28·0	16·9	34·3	9·6	39·4	3·9	86	57	76	81	7	281	75	—	—
October	22·2	11·1	29·6	2·6	33·9	−1·7	85	53	74	75	8	249	72	—	—
November	13·5	4·2	24·2	−5·1	27·8	−15·0	80	59	99	127	9	189	57	—	—
December	8·0	0·3	18·8	−9·4	23·3	−15·0	81	68	94	114	10	144	47	—	—
Year	20·3	10·4	37·6*	−14·3*	40·6	−21·1	82	59	1153	147	115	2901	65	—	—
No. of Years	30	30	30	30	30	30	22	20	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Chicago 41° 47′ N 87° 45′ W 186 m Illinois

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·6	−7·2	11·0	−19·5	19·4	−27·2	80	70	47	70	10	125	43	—	—
February	1·5	−6·3	12·3	−17·6	20·6	−28·3	79	67	41	50	10	141	48	—	—
March	6·4	−1·7	20·1	−11·1	27·8	−21·7	77	61	70	63	12	206	52	—	—
April	14·1	4·7	27·1	−2·6	32·8	−7·2	74	55	77	104	12	206	55	—	—
May	20·6	10·5	31·6	2·8	36·7	−1·1	75	55	95	76	13	275	61	—	—
June	26·4	16·4	34·8	8·6	40·0	1·7	77	56	103	116	11	307	66	—	—
July	28·9	19·5	36·0	13·2	40·6	9·4	77	53	86	156	9	310	72	—	—
August	28·0	18·8	35·2	12·1	38·3	7·8	81	55	80	98	9	285	70	—	—
September	23·8	14·1	33·5	5·6	38·3	−1·7	81	53	69	69	8	246	66	—	—
October	17·4	8·2	28·6	−0·2	32·8	−6·7	79	54	71	100	8	214	62	—	—
November	8·4	0·3	20·8	−9·7	27·2	−18·9	78	62	56	56	10	135	46	—	—
December	2·1	−5·3	12·8	−16·8	18·3	−25·6	80	69	48	46	10	115	42	—	—
Year	14·9	6·0	37·1*	−21·6*	40·6	−28·3	78	59	843	156	122	2565	57	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

Moline 41° 27′ N 90° 31′ W 180 m Illinois

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·2	−10·2	11·0	−22·4	18·3	−28·9	81	69	41	47	9	126	45	—	—
February	1·6	−8·6	12·6	−20·1	20·0	−30·6	82	68	33	48	8	145	46	—	—
March	7·3	−3·6	21·6	−14·1	28·3	−28·3	81	61	61	60	11	188	51	—	—
April	16·5	3·5	27·9	−3·9	32·8	−13·9	78	53	81	69	11	209	54	—	—
May	22·8	9·6	31·4	1·9	40·0	−1·1	79	54	97	54	12	253	57	—	—
June	28·4	15·3	34·7	8·0	40·0	3·9	81	57	112	87	11	294	62	—	—
July	31·1	17·3	36·1	11·2	40·6	7·8	84	55	84	88	9	328	73	—	—
August	29·8	16·3	35·2	9·4	38·3	4·4	87	56	89	117	9	300	71	—	—
September	25·6	11·4	33·5	2·3	37·8	−4·4	85	53	84	121	8	263	68	—	—
October	19·5	5·8	28·4	−2·7	33·3	−8·9	84	52	63	121	6	220	62	—	—
November	9·4	−1·4	21·2	−11·5	26·7	−18·9	80	61	48	42	7	147	44	—	—
December	1·9	−7·6	13·4	−19·7	19·4	−26·7	82	68	43	86	8	121	43	—	—
Year	16·2	4·0	37·1*	−24·8*	40·6	−30·6	82	59	836	121	109	2594	56	—	—
No. of Years	30	30	27	27	27	27	18	18	30	27	27	10	18	—	—

Peoria 40° 40′ N 89° 41′ W 199 m Illinois

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·9	−8·0	12·5	−20·1	20·0	−28·9	85	72	48	80	9	120	45	—	—
February	2·6	−6·6	14·3	−18·2	23·3	−28·3	84	69	43	81	8	144	50	—	—
March	8·2	−2·0	22·1	−12·4	27·8	−23·3	82	61	74	86	11	189	53	—	—
April	16·2	4·6	27·8	−3·1	31·7	−7·8	79	55	102	129	11	221	57	—	—
May	22·4	10·4	31·6	2·3	40·0	−0·6	80	56	109	79	12	264	61	—	—
June	27·9	16·2	35·1	8·3	40·6	3·9	81	58	104	92	11	313	67	—	—
July	30·6	18·3	36·3	12·5	45·0	8·9	82	54	89	100	8	320	73	—	—
August	29·5	17·5	35·6	10·9	41·1	6·1	87	56	74	110	8	299	70	—	—
September	25·4	12·8	33·8	3·9	38·9	−3·3	87	54	79	75	8	261	69	—	—
October	19·2	6·7	28·7	−1·9	32·2	−6·1	84	54	63	78	7	226	64	—	—
November	9·2	−0·7	22·2	−10·4	27·2	−18·3	83	63	53	66	8	154	50	—	—
December	2·7	−5·9	14·4	−17·4	18·9	−25·6	85	71	48	58	9	121	43	—	—
Year	16·2	5·3	37·1*	−22·4*	45·0	−28·9	83	60	886	129	110	2632	59	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Rockford 42° 12′ N 89° 06′ W 222 m Illinois

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−1·0	−10·2	8·6	−22·8	16·1	−31·1	—	—	51	69	7	—	—	—	—
February	0·4	−8·8	10·8	−20·4	18·9	−31·7	—	—	36	36	7	—	—	—	—
March	6·1	−3·8	20·2	−14·3	27·8	−21·7	—	—	63	57	8	—	—	—	—
April	14·8	2·7	27·3	−5·1	32·8	−9·4	—	—	79	49	9	—	—	—	—
May	21·4	8·7	31·6	0·4	41·1	−2·8	—	—	97	60	11	—	—	—	—
June	27·2	14·7	34·8	6·3	41·1	1·7	—	—	109	85	10	—	—	—	—
July	30·2	16·7	36·3	10·1	44·4	6·1	—	—	104	127	8	—	—	—	—
August	29·0	16·0	35·4	8·9	38·9	3·9	—	—	104	114	8	—	—	—	—
September	24·2	11·1	33·2	1·8	39·4	−4·4	—	—	89	138	8	—	—	—	—
October	17·8	4·9	28·1	−3·5	31·7	−9·4	—	—	69	121	7	—	—	—	—
November	7·8	−2·2	20·7	−12·3	27·2	−22·2	—	—	61	47	7	—	—	—	—
December	0·8	−7·9	11·2	−20·2	16·1	−28·9	—	—	43	59	7	—	—	—	—
Year	14·9	3·5	37·5*	−25·0*	44·4	−31·7	—	—	905	138	97	—	—	—	—
No. of Years	30	30	30	29	29	29	—	—	30	30	30	—	—	—	—

Springfield 39° 50′ N 89° 40′ W 179 m Illinois

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·4	−6·4	14·6	−17·8	21·7	−26·7	84	72	48	61	9	112	42	—	—
February	4·8	−5·3	16·5	−15·8	23·9	−26·1	83	68	46	52	9	147	50	—	—
March	10·1	−0·9	23·5	−10·2	28·3	−24·4	82	61	74	104	11	187	52	—	—
April	18·2	5·5	28·6	−1·8	31·7	−6·7	80	55	91	93	12	222	57	—	—
May	24·2	11·2	32·1	3·5	38·3	−1·1	80	55	99	68	12	279	62	—	—
June	29·7	16·9	35·7	9·6	40·0	2·2	81	55	114	114	11	313	68	—	—
July	32·0	19·1	37·1	13·9	44·4	11·1	82	53	89	97	8	333	76	—	—
August	30·4	17·5	36·1	12·1	42·2	6·7	87	55	69	72	8	316	73	—	—
September	26·8	12·7	34·5	5·6	37·8	0·6	85	51	74	130	7	284	71	—	—
October	20·6	6·8	29·5	−0·7	33·9	−8·3	83	51	74	144	7	235	65	—	—
November	10·9	0·0	23·1	−9·2	28·3	−18·9	82	62	61	61	8	162	50	—	—
December	4·6	−4·6	16·4	−15·4	22·2	−24·4	84	71	48	61	9	123	43	—	—
Year	17·9	6·1	37·8*	−22·3*	44·4	−26·7	83	59	887	144	111	2713	59	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

Evansville 38° 03′ N 87° 32′ W 117 m Indiana

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·9	−3·6	17·8	−14·2	24·4	−26·1	82	68	102	83	11	108	40	—	—
February	8·2	−2·0	19·2	−12·7	22·8	−30·6	81	63	81	79	9	139	47	—	—
March	12·9	1·8	23·9	−7·7	28·3	−22·8	79	58	109	131	12	208	54	—	—
April	20·3	8·2	28·8	−1·1	31·7	−12·2	78	54	102	100	12	242	60	—	—
May	25·8	12·8	32·1	4·9	35·0	0·6	79	54	107	89	11	282	67	—	—
June	30·6	18·1	35·4	11·0	40·0	5·0	80	53	94	86	10	327	73	—	—
July	32·4	19·6	36·6	14·5	42·2	8·3	82	54	84	79	9	337	76	—	—
August	31·7	18·7	36·0	12·9	40·0	9·4	85	55	79	99	8	328	75	—	—
September	28·3	14·0	34·7	6·5	39·4	−0·6	86	52	74	89	7	277	73	—	—
October	22·3	7·8	29·9	0·1	34·4	−6·1	85	51	66	72	8	243	68	—	—
November	12·8	1·3	24·2	−7·2	27·8	−19·4	80	58	81	72	9	164	51	—	—
December	7·0	−2·5	18·2	−12·3	23·9	−22·2	82	67	79	124	10	124	41	—	—
Year	19·9	7·9	37·6*	−17·5*	42·2	−30·6	82	57	1058	131	116	2779	60	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Fort Wayne 41° 00′ N 85° 12′ W 244 m — Indiana

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0630	Average of observations at 1230	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·3	−6·9	12·6	−18·1	20·6	−27·8	86	75	69	61	12	110	38	—	—
February	2·3	−6·4	13·5	−17·3	20·6	−27·2	84	70	56	59	11	132	45	—	—
March	7·2	−2·4	20·0	−11·7	27·2	−22·8	83	64	71	54	12	187	50	—	—
April	15·0	4·2	26·4	−3·9	31·1	−10·0	80	56	79	69	13	205	54	—	—
May	21·7	10·2	30·2	1·3	33·9	−2·8	78	54	94	58	12	289	62	—	—
June	26·9	15·9	33·8	7·5	38·9	3·3	79	55	107	98	11	304	69	—	—
July	29·5	17·3	35·3	11·3	41·1	6·7	80	51	86	63	9	324	75	—	—
August	28·4	16·5	34·2	9·7	38·9	5·0	85	53	76	99	9	299	72	—	—
September	24·3	12·1	32·8	3·5	37·8	−1·7	87	53	69	99	8	236	65	—	—
October	17·8	5·6	27·8	−1·8	32·2	−6·7	87	54	74	75	8	223	61	—	—
November	8·3	−0·7	20·6	−9·2	26·1	−18·3	84	67	63	63	11	125	41	—	—
December	1·9	−5·9	13·5	−16·7	18·3	−25·6	86	74	53	51	12	112	36	—	—
Year	15·4	5·0	36·2*	−21·0*	41·1	−27·8	83	61	897	99	128	2546	56	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Indianapolis 39° 44′ N 86° 16′ W 242 m — Indiana

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0600	Average of observations at 1200	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·8	−6·1	15·2	−17·8	21·7	−27·8	83	71	79	117	12	117	41	—	—
February	4·1	−5·1	16·7	−16·3	22·2	−28·3	81	66	58	38	10	146	47	—	—
March	8·9	−1·3	22·3	−10·8	27·2	−21·1	80	60	86	59	13	211	52	—	—
April	16·2	4·6	27·2	−3·3	31·1	−8·9	77	55	94	53	12	221	57	—	—
May	22·2	10·4	30·4	2·3	34·4	−1·7	78	54	102	69	13	271	63	—	—
June	27·7	15·8	34·1	8·4	38·9	3·9	80	55	117	114	11	311	70	—	—
July	30·0	17·9	35·4	12·1	41·7	6·7	81	53	89	117	9	298	75	—	—
August	29·3	17·1	34·6	10·8	37·8	5·6	85	54	76	69	8	319	74	—	—
September	25·6	12·7	33·2	4·4	37·8	−2·2	85	52	81	70	7	275	71	—	—
October	19·3	6·7	28·4	−1·4	32·2	−8·3	84	53	66	99	8	223	63	—	—
November	10·0	−0·1	22·3	−9·6	27·2	−18·9	82	62	79	106	10	156	47	—	—
December	3·9	−4·9	15·8	−15·7	20·6	−26·1	83	70	69	54	11	129	41	—	—
Year	16·7	5·6	36·2*	−21·0*	41·7	−28·3	82	59	996	117	124	2677	58	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

South Bend 41° 42′ N 86° 19′ W 234 m — Indiana

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0600	Average of observations at 1200	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·6	−7·7	11·6	−19·6	20·0	−30·0	84	76	56	71	13	—	—	—	—
February	1·4	−7·2	12·1	−18·3	19·4	−28·3	84	72	48	42	12	—	—	—	—
March	6·3	−3·2	19·9	−12·7	27·2	−25·0	82	65	70	55	13	—	—	—	—
April	14·4	2·8	26·4	−4·6	32·8	−7·8	82	58	91	80	13	—	—	—	—
May	21·0	8·6	30·7	−0·2	35·6	−3·9	80	55	92	52	12	—	—	—	—
June	26·6	14·4	34·3	5·5	41·1	1·7	83	56	91	73	10	—	—	—	—
July	29·2	17·0	35·7	9·6	42·8	7·2	86	55	88	80	8	—	—	—	—
August	28·3	16·2	34·7	8·3	40·6	5·0	90	55	90	63	9	—	—	—	—
September	23·5	11·8	33·1	2·6	37·2	−1·7	88	54	78	61	9	—	—	—	—
October	17·7	6·1	27·7	−2·2	31·1	−7·8	87	56	81	79	10	—	—	—	—
November	8·3	−0·4	20·5	−10·5	27·8	−21·7	83	68	67	66	12	—	—	—	—
December	2·1	−5·7	13·0	−17·4	18·9	−26·7	84	74	56	58	13	—	—	—	—
Year	14·9	4·4	36·6*	−22·5*	42·8	−30·0	84	62	908	80	134	—	—	—	—
No. of Years	30	30	28	28	28	28	14	14	30	28	28	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Burlington 40° 47′ N 91° 07′ W 212 m Iowa

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·4	−8·8	11·8	−21·2	19·4	−31·1	83	71	41	50	8	155	51	—	—
February	2·5	−7·2	13·9	−19·2	21·7	−28·3	83	70	36	37	7	182	55	—	—
March	8·3	−2·4	22·7	−13·2	28·3	−25·0	82	63	69	81	11	221	56	—	—
April	16·3	4·6	28·3	−3·3	31·1	−9·4	79	55	86	111	11	251	61	—	—
May	22·5	10·6	31·7	2·5	39·4	−1·1	80	56	102	57	13	301	63	—	—
June	28·2	16·4	35·5	9·2	40·6	4·4	84	59	127	160	11	345	70	—	—
July	30·9	18·7	37·1	12·9	43·9	8·3	84	57	86	83	8	355	77	—	—
August	29·6	17·7	36·3	11·3	43·3	5·0	87	58	91	107	9	337	76	—	—
September	25·2	12·6	33·8	3·8	37·8	−3·9	87	54	81	111	8	290	72	—	—
October	19·2	6·7	28·6	−2·2	33·9	−7·8	84	54	69	104	7	261	71	—	—
November	9·3	−1·2	21·9	−11·2	27·2	−17·8	81	62	48	41	8	190	55	—	—
December	2·5	−6·5	14·1	−18·1	19·4	−26·1	83	69	41	54	8	156	51	—	—
Year	16·2	5·1	37·8*	−23·4*	43·9	−31·1	83	61	877	160	109	3044	63	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	10	19	—	—

Cedar Rapids 41° 59′ N 91° 38′ W 244 m Iowa

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·9	−10·7	9·1	−24·0	16·1	−31·7	—	—	37	74	8	—	—	—	—
February	1·1	−9·0	11·1	−21·8	17·8	−31·1	—	—	29	41	7	—	—	—	—
March	7·1	−3·7	20·9	−15·1	29·4	−24·4	—	—	60	55	10	—	—	—	—
April	16·0	3·4	27·8	−5·2	32·8	−11·1	—	—	81	57	10	—	—	—	—
May	22·4	9·5	31·3	0·7	40·0	−2·8	—	—	99	72	13	—	—	—	—
June	27·4	15·1	34·3	6·7	39·4	2·2	—	—	123	106	12	—	—	—	—
July	30·4	17·2	36·1	10·3	42·8	7·2	—	—	94	160	9	—	—	—	—
August	29·0	16·3	35·0	8·3	42·2	3·3	—	—	80	73	9	—	—	—	—
September	24·7	11·6	32·9	1·6	37·2	−5·0	—	—	96	128	9	—	—	—	—
October	18·3	5·3	27·8	−4·1	33·3	−9·4	—	—	63	60	7	—	—	—	—
November	8·3	−1·9	20·7	−13·2	25·0	−19·4	—	—	55	62	7	—	—	—	—
December	1·2	−7·8	11·7	−20·8	18·3	−28·9	—	—	35	38	8	—	—	—	—
Year	15·4	3·8	36·7*	−25·9*	42·8	−31·7	—	—	852	160	109	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Des Moines 41° 32′ N 93° 39′ W 289 m Iowa

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·9	−11·5	11·2	−22·7	16·1	−30·0	83	72	33	54	8	141	52	—	—
February	0·1	−9·7	12·9	−20·2	20·6	−28·9	83	69	28	45	7	165	56	—	—
March	6·1	−4·1	21·7	−13·2	30·0	−26·1	82	62	53	61	10	197	55	—	—
April	15·2	3·3	27·8	−4·0	31·1	−11·1	78	53	63	50	10	236	59	—	—
May	21·9	9·9	31·8	2·6	40·6	−2·2	79	54	104	71	11	268	61	—	—
June	27·4	15·9	35·4	9·3	39·4	6·1	82	57	119	140	11	308	67	—	—
July	30·7	18·4	37·7	13·4	43·3	10·0	81	53	79	74	8	326	75	—	—
August	29·3	17·4	36·4	11·1	42·8	6·7	86	57	94	78	9	299	70	—	—
September	24·9	12·1	34·0	3·2	38·9	−2·2	84	53	74	93	8	269	70	—	—
October	18·7	5·9	29·2	−3·1	33·3	−6·7	81	52	53	69	7	235	66	—	—
November	8·1	−2·4	21·6	−12·4	27·8	−18·9	80	62	46	63	6	173	53	—	—
December	0·8	−8·3	13·2	−18·8	20·6	−26·1	83	70	28	38	7	138	47	—	—
Year	15·1	3·9	38·6*	−24·8*	43·3	−30·0	82	59	774	140	102	2755	61	—	—
No. of Years	30	30	24	24	24	24	30	30	30	26	26	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Dubuque 42° 24′ N 90° 42′ W 325 m Iowa

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·6	−11·6	8·2	−24·1	16·7	−32·2	83	70	46	77	9	—	48	—	—
February	−1·0	−10·1	9·8	−21·1	16·1	−30·6	81	66	36	39	8	—	51	—	—
March	4·8	−4·9	19·1	−14·4	27·8	−23·3	80	60	71	63	10	—	52	—	—
April	13·9	2·4	26·6	−3·9	31·7	−11·1	75	51	79	63	10	—	59	—	—
May	20·4	8·6	30·4	1·9	40·0	−2·8	76	54	107	111	12	—	62	—	—
June	25·7	14·1	33·4	8·1	40·0	3·3	79	57	107	99	12	—	67	—	—
July	28·7	16·4	35·2	11·7	43·3	8·3	80	53	89	113	9	—	79	—	—
August	27·4	15·3	34·3	10·0	41·7	5·6	84	56	94	76	9	—	72	—	—
September	22·6	10·4	32·2	3·2	37·2	−2·2	85	55	94	114	9	—	65	—	—
October	16·3	4·4	26·8	−2·2	31·7	−10·6	81	54	69	76	8	—	59	—	—
November	6·2	−3·2	19·8	−12·4	25·6	−20·0	81	63	66	55	8	—	43	—	—
December	−0·6	−8·9	10·9	−20·7	17·8	−29·4	82	67	48	31	9	—	39	—	—
Year	13·5	2·7	35·9*	−25·9*	43·3	−32·2	81	59	906	114	113	—	58	—	—
No. of Years	30	30	30	30	30	30	28	28	30	30	30	—	20	—	—

Mason City 43° 11′ N 93° 12′ W 350 m Iowa

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·6	−13·9	6·1	−27·9	16·7	−34·4	—	—	23	21	6	—	—	—	—
February	−1·6	−12·0	7·9	−25·9	14·4	−33·3	—	—	22	38	5	—	—	—	—
March	4·2	−5·9	17·4	−18·3	27·2	−30·6	—	—	43	36	9	—	—	—	—
April	14·1	1·7	26·3	−6·7	31·7	−12·8	—	—	61	52	8	—	—	—	—
May	21·0	8·3	30·3	−1·1	40·0	−5·0	—	—	97	60	11	—	—	—	—
June	25·9	14·4	33·8	5·2	40·0	0·6	—	—	131	115	11	—	—	—	—
July	28·9	16·7	35·4	8·9	41·7	5·6	—	—	89	80	8	—	—	—	—
August	28·1	15·2	34·7	6·3	38·9	1·7	—	—	103	121	9	—	—	—	—
September	23·4	9·9	32·2	−0·5	36·7	−6·7	—	—	81	95	8	—	—	—	—
October	17·1	3·9	27·2	−5·7	33·3	−10·0	—	—	48	55	7	—	—	—	—
November	6·2	−4·2	18·9	−15·9	25·6	−23·3	—	—	40	59	6	—	—	—	—
December	−1·0	−10·5	9·2	−24·4	18·3	−32·2	—	—	23	20	6	—	—	—	—
Year	13·6	2·0	36·4*	−29·6*	41·7	−34·4	—	—	761	121	94	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Sioux City 42° 24′ N 96° 23′ W 334 m Iowa

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·3	−12·5	10·6	−25·7	20·0	−31·1	81	70	20	28	7	168	56	—	—
February	−0·2	−10·8	11·6	−22·9	17·8	−31·7	83	68	23	27	6	176	59	—	—
March	5·3	−4·6	21·3	−15·7	31·7	−30·0	82	63	38	43	9	215	58	—	—
April	15·5	3·2	28·7	−5·3	34·4	−13·3	77	51	58	45	9	266	64	—	—
May	22·7	9·9	32·4	1·3	40·6	−3·3	79	51	81	57	11	300	66	—	—
June	28·1	15·7	36·7	7·9	41·7	3·3	81	54	109	130	11	328	70	—	—
July	31·9	18·4	38·3	11·7	43·9	8·3	81	52	79	70	9	355	78	—	—
August	30·5	17·3	36·7	9·5	42·2	2·8	84	55	69	119	9	323	75	—	—
September	25·7	11·6	34·3	1·3	39·4	−4·4	82	52	69	120	7	285	72	—	—
October	19·4	5·1	29·1	−4·3	35·6	−8·9	79	50	36	45	6	237	67	—	—
November	8·2	−3·6	20·7	−14·2	25·6	−22·8	79	60	30	82	5	169	54	—	—
December	1·4	−9·2	13·0	−21·2	21·7	−27·8	81	68	18	44	6	151	52	—	—
Year	15·6	3·4	39·4*	−27·3*	43·9	−31·7	81	58	630	130	95	2973	64	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Concordia 39° 33′ N 97° 39′ W 448 m Kansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0600	Average of observations at 1200	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
			degrees Celsius				per cent		millimetres			hours		hours	
January	2·9	−8·0	15·3	−18·8	20·6	−25·6	80	64	18	44	6	187	60	—	—
February	5·5	−5·9	19·1	−16·3	25·0	−27·2	80	56	23	53	6	183	57	—	—
March	10·4	−1·7	24·8	−11·8	33·3	−23·9	78	52	38	52	8	209	56	—	—
April	17·9	5·2	29·7	−2·8	33·3	−10·0	75	50	53	59	9	242	61	—	—
May	23·3	11·2	32·5	3·3	38·3	−1·7	79	53	99	122	11	277	62	—	—
June	29·8	17·1	37·6	10·1	42·8	6·1	79	52	107	96	11	326	70	—	—
July	33·4	20·2	40·1	14·4	45·6	11·1	75	42	71	107	8	336	76	—	—
August	32·7	19·6	39·7	13·1	46·7	8·3	77	48	79	98	9	323	73	—	—
September	27·6	14·2	36·5	5·0	44·4	0·6	76	48	69	121	7	290	73	—	—
October	21·1	7·5	31·0	−1·7	38·9	−6·1	76	48	43	79	6	256	71	—	—
November	11·3	−0·8	23·4	−9·7	27·2	−17·8	76	55	25	40	4	204	63	—	—
December	5·4	−5·4	16·7	−19·3	24·4	−23·9	80	62	18	48	5	197	59	—	—
Year	18·4	6·1	41·2*	−21·5*	46·7	−27·2	78	53	643	122	90	3030	65	—	—
No. of Years	30	30	30	30	30	30	28	26	30	30	30	10	30	—	—

Dodge City 37° 46′ N 99° 58′ W 791 m Kansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0600	Average of observations at 1200	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
			degrees Celsius				per cent		millimetres			hours		hours	
January	5·8	−6·8	18·6	−18·1	25·6	−25·6	77	57	15	28	4	202	67	—	—
February	8·1	−4·8	22·1	−15·9	29·4	−27·2	77	56	18	30	5	193	62	—	—
March	12·4	−1·5	26·3	−12·3	33·9	−26·1	76	51	30	30	6	239	66	—	—
April	18·9	5·1	30·8	−3·8	34·4	−12·8	75	46	46	57	7	269	68	—	—
May	24·2	11·1	34·4	3·1	38·3	−2·2	81	51	81	85	10	293	69	—	—
June	30·4	16·6	38·6	9·3	43·3	4·4	77	47	76	89	8	349	76	—	—
July	33·8	19·7	39·5	14·6	42·8	8·3	74	43	58	106	8	345	80	—	—
August	33·2	19·2	39·1	13·0	42·8	8·3	75	43	61	69	8	337	80	—	—
September	28·3	14·2	36·2	5·3	41·1	−0·6	74	44	38	64	6	306	78	—	—
October	21·7	7·5	31·8	−1·7	35·0	−7·2	75	46	35	105	5	263	76	—	—
November	12·8	−0·9	24·6	−11·3	28·3	−17·8	74	49	15	34	4	218	72	—	—
December	7·7	−4·7	19·8	−14·9	30·0	−23·3	77	56	13	24	4	200	67	—	—
Year	19·8	6·2	40·3*	−20·9*	43·3	−27·2	76	49	486	106	75	3214	72	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

Goodland 39° 22′ N 101° 42′ W 1111 m Kansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0530	Average of observations at 1130	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
			degrees Celsius				per cent		millimetres			hours		hours	
January	4·9	−10·1	17·6	−20·9	26·1	−32·2	73	54	10	27	5	—	—	—	—
February	6·9	−8·2	20·1	−18·8	26·7	−30·0	79	54	13	26	5	—	—	—	—
March	10·2	−5·2	24·7	−16·1	31·1	−28·9	78	53	28	41	8	—	—	—	—
April	16·8	1·1	29·6	−7·2	33·3	−17·8	71	44	41	75	7	—	—	—	—
May	22·3	7·1	33·5	0·4	37·2	−3·9	83	48	61	42	10	—	—	—	—
June	29·1	12·8	37·8	6·3	42·8	−0·6	78	42	69	98	9	—	—	—	—
July	33·2	16·3	39·6	11·3	43·9	5·6	80	42	69	61	9	—	—	—	—
August	32·1	15·4	38·6	10·1	42·2	3·9	78	43	58	71	8	—	—	—	—
September	27·3	9·8	36·6	1·2	40·6	−5·6	74	38	30	97	5	—	—	—	—
October	20·3	3·1	31·3	−4·9	36·1	−10·6	72	39	20	46	5	—	—	—	—
November	11·2	−4·5	23·7	−14·2	28·3	−24·4	75	46	13	27	4	—	—	—	—
December	6·4	−8·2	19·2	−17·8	25·6	−27·8	76	53	10	22	4	—	—	—	—
Year	18·4	2·5	40·2*	−23·9*	43·9	−32·2	76	46	422	98	79	—	—	—	—
No. of Years	30	30	30	30	30	30	11	11	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Parsons 37° 20′ N 95° 16′ W 277 m — Kansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·5	−3·5	19·5	−15·8	25·0	−25·0	—	—	41	63	6	—	—	—	—
February	10·4	−1·6	22·2	−12·6	27·8	−24·4	—	—	40	28	7	—	—	—	—
March	15·0	2·0	26·4	−8·7	32·2	−19·4	—	—	60	53	7	—	—	—	—
April	21·4	8·5	30·6	−1·1	36·7	−9·4	—	—	95	68	9	—	—	—	—
May	25·9	13·6	32·4	5·0	38·3	−1·1	—	—	152	151	11	—	—	—	—
June	31·2	18·8	36·2	11·3	42·2	7·2	—	—	155	190	10	—	—	—	—
July	34·2	20·9	38·9	14·9	46·1	10·6	—	—	100	156	7	—	—	—	—
August	34·2	20·5	39·5	13·7	45·0	10·6	—	—	79	135	7	—	—	—	—
September	30·1	15·8	36·8	6·3	43·9	0·0	—	—	117	123	7	—	—	—	—
October	24·0	9·9	31·8	−0·2	36·1	−5·0	—	—	85	97	6	—	—	—	—
November	14·9	2·5	25·1	−7·3	30·0	−15·0	—	—	58	81	6	—	—	—	—
December	9·3	−1·5	19·4	−12·1	24·4	−21·7	—	—	38	56	5	—	—	—	—
Year	21·5	8·8	40·2*	−18·2*	46·1	−25·0	—	—	1020	190	88	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Topeka 39° 04′ N 95° 38′ W 267 m — Kansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·6	−7·2	17·0	−18·4	23·3	−26·1	79	66	25	30	6	160	52	—	—
February	6·5	−5·3	20·3	−15·3	26·1	−25·6	79	62	28	28	6	159	53	—	—
March	11·7	−0·9	25·9	−10·8	33·9	−20·6	79	57	51	67	8	192	54	—	—
April	18·9	5·9	30·8	−2·1	34·4	−8·9	79	53	84	105	9	220	56	—	—
May	24·3	11·7	33·3	3·7	39·4	−1·1	83	55	112	139	12	256	61	—	—
June	29·9	17·5	37·1	10·7	42·8	6·7	85	58	114	127	11	291	66	—	—
July	33·1	20·1	39·6	14·6	45·6	10·6	83	53	91	94	8	299	73	—	—
August	32·3	19·3	39·3	12·8	45·0	7·2	84	54	109	147	9	305	71	—	—
September	27·9	13·6	36·3	5·2	43·3	0·6	83	49	76	102	7	276	69	—	—
October	21·8	7·3	30·9	−1·2	36·1	−6·7	81	50	58	68	7	233	66	—	—
November	12·3	−0·6	24·1	−8·7	27·2	−15·0	78	55	38	72	6	179	57	—	—
December	6·2	−4·7	17·7	−15·2	25·0	−21·7	80	63	36	87	6	153	50	—	—
Year	19·0	6·4	40·5*	−20·8*	45·6	−26·1	81	56	822	147	95	2723	61	—	—
No. of Years	30	30	30	30	30	30	25	22	30	30	30	10	30	—	—

Wichita 37° 39′ N 97° 25′ W 403 m — Kansas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·3	−5·4	17·3	−16·0	21·7	−23·3	79	63	20	44	6	184	61	—	—
February	8·3	−3·6	21·1	−13·9	26·7	−24·4	78	59	23	34	6	182	61	—	—
March	13·3	0·6	25·9	−10·2	34·4	−19·4	76	54	41	59	7	220	62	—	—
April	20·1	7·3	30·0	−1·6	34·4	−9·4	75	51	58	153	8	246	64	—	—
May	25·1	12·7	33·2	4·8	37·8	0·6	81	55	102	99	10	278	66	—	—
June	30·9	18·4	37·4	11·6	42·8	6·7	80	52	107	83	9	333	73	—	—
July	33·6	20·8	39·3	15·8	45·0	12·2	78	47	91	91	8	322	78	—	—
August	33·8	20·4	39·4	14·3	45·6	8·3	77	47	74	141	8	320	77	—	—
September	28·7	14·9	35·8	6·9	42·2	0·0	77	48	81	122	7	291	74	—	—
October	22·1	8·9	31·0	−0·2	37·2	−5·0	76	50	61	105	6	247	71	—	—
November	12·8	0·9	23·4	−7·8	26·7	−16·1	76	53	38	85	5	223	67	—	—
December	7·2	−3·0	18·2	−12·6	28·3	−20·0	79	61	23	75	5	194	61	—	—
Year	20·1	7·8	40·6*	−18·3*	45·6	−24·4	78	53	719	153	85	3040	68	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Lexington 38° 02′ N 84° 36′ W 298 m Kentucky

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·1	−3·3	18·1	−14·8	26·7	−26·1	84	71	124	72	14	—	—	—	—
February	7·2	−3·1	19·2	−13·9	24·4	−26·1	82	64	86	65	12	—	—	—	—
March	11·8	0·7	23·6	−8·8	28·3	−18·9	81	61	119	71	13	—	—	—	—
April	18·4	6·4	28·7	−2·2	32·8	−6·7	77	56	102	72	13	—	—	—	—
May	24·2	11·9	31·5	3·5	35·6	−0·6	79	56	99	70	12	—	—	—	—
June	29·2	17·0	34·7	9·9	40·0	5·6	80	54	119	99	11	—	—	—	—
July	31·2	19·2	35·8	13·5	42·2	8·3	83	55	102	92	11	—	—	—	—
August	30·4	18·4	35·3	11·7	40·6	7·2	86	55	81	205	9	—	—	—	—
September	27·1	14·3	34·5	6·0	39·4	0·6	84	52	71	78	7	—	—	—	—
October	20·7	8·3	29·4	−0·4	33·9	−4·4	84	55	58	59	8	—	—	—	—
November	12·2	1·8	24·2	−8·3	26·7	−19·4	81	58	84	65	11	—	—	—	—
December	6·7	−2·4	17·7	−13·1	22·2	−20·6	84	67	89	75	12	—	—	—	—
Year	18·8	7·4	36·7*	−18·1*	42·2	−26·1	82	59	1134	205	133	—	—	—	—
No. of Years	30	30	30	30	30	30	15	15	30	30	30	—	—	—	—

Louisville 38° 11′ N 85° 44′ W 144 m Kentucky

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·4	−3·1	18·4	−13·4	25·0	−25·0	81	68	104	109	12	105	38	—	—
February	7·6	−3·3	19·7	−12·1	25·6	−28·3	79	62	84	79	10	137	44	—	—
March	12·1	0·4	24·3	−7·3	29·4	−18·3	78	58	117	147	12	189	50	—	—
April	19·1	6·2	29·3	−0·6	32·8	−4·4	76	54	97	85	12	221	56	—	—
May	24·6	11·4	32·1	5·1	35·0	0·6	79	54	99	71	11	265	64	—	—
June	29·4	16·6	35·1	11·2	38·9	7·2	81	54	102	130	11	303	68	—	—
July	31·4	19·2	36·1	14·8	41·7	9·4	82	53	86	69	9	304	71	—	—
August	30·7	18·4	35·7	13·2	38·3	7·2	86	54	76	73	8	293	69	—	—
September	27·4	14·3	34·4	7·3	40·0	0·6	85	52	66	81	7	262	69	—	—
October	20·9	7·9	29·6	0·6	33·3	−5·0	85	52	58	58	7	222	63	—	—
November	12·4	1·6	24·6	−6·8	28·9	−18·3	79	58	81	91	9	156	50	—	—
December	7·1	−2·3	18·1	−11·8	22·2	−22·8	81	65	81	87	10	120	41	—	—
Year	19·1	7·3	37·1*	−16·7*	41·7	−28·3	81	57	1051	147	118	2577	57	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Williamsburg 36° 43′ N 84° 09′ W 300 m Kentucky

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	10·3	−2·0	20·7	−13·4	26·7	−23·9	—	—	121	84	12	—	—	—	—
February	11·2	−1·9	21·7	−12·7	27·8	−22·2	—	—	112	106	11	—	—	—	—
March	15·8	1·7	25·6	−8·2	30·6	−18·9	—	—	123	82	12	—	—	—	—
April	22·1	6·5	30·4	−2·8	32·8	−7·8	—	—	100	63	10	—	—	—	—
May	26·4	11·2	32·7	2·8	35·6	−3·3	—	—	103	88	11	—	—	—	—
June	30·7	16·1	35·3	8·7	40·6	5·6	—	—	94	79	9	—	—	—	—
July	32·1	18·3	36·2	11·8	41·7	5·6	—	—	128	113	10	—	—	—	—
August	31·4	17·7	35·8	11·0	42·2	7·8	—	—	95	64	9	—	—	—	—
September	28·6	13·7	34·8	5·5	38·9	−0·6	—	—	69	74	7	—	—	—	—
October	23·0	7·1	30·3	−1·6	35·6	−5·6	—	—	59	44	7	—	—	—	—
November	15·7	0·9	25·3	−8·6	28·9	−17·2	—	—	91	67	9	—	—	—	—
December	10·4	−1·8	19·8	−12·8	23·9	−19·4	—	—	98	70	10	—	—	—	—
Year	21·5	7·3	36·8*	−16·7*	42·2	−23·9	—	—	1193	113	117	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Alexandria 31° 17′ N 92° 27′ W 26 m — Louisiana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	16·9	5·4	25·2	−4·6	28·9	−15·6	—	—	129	92	10	—	—	—	—
February	18·1	6·6	26·6	−3·5	31·1	−14·4	—	—	130	92	9	—	—	—	—
March	21·6	9·1	28·8	0·6	33·3	−4·4	—	—	123	88	8	—	—	—	—
April	25·6	13·2	31·1	4·4	33·9	0·0	—	—	146	217	8	—	—	—	—
May	29·6	17·5	33·6	11·0	36·1	3·3	—	—	149	139	8	—	—	—	—
June	33·2	21·2	36·2	16·9	40·0	12·2	—	—	109	113	7	—	—	—	—
July	33·9	22·6	37·0	19·9	41·7	16·1	—	—	135	248	10	—	—	—	—
August	34·0	22·2	37·2	18·6	41·7	13·9	—	—	87	98	8	—	—	—	—
September	31·8	19·2	35·7	12·2	40·0	6·7	—	—	82	121	7	—	—	—	—
October	27·4	13·4	32·6	4·3	36·7	−1·1	—	—	95	188	5	—	—	—	—
November	20·7	7·4	28·1	−1·8	30·6	−6·1	—	—	125	154	8	—	—	—	—
December	17·4	5·8	25·2	−3·5	27·2	−8·3	—	—	147	85	10	—	—	—	—
Year	25·9	13·6	37·9*	−7·2*	41·7	−15·6	—	—	1457	248	98	—	—	—	—
No. of Years	25	25	27	27	27	27	—	—	27	27	27	—	—	—	—

Baton Rouge 30° 32′ N 91° 09′ W 20 m — Louisiana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	17·5	5·7	26·0	−3·5	29·4	−9·4	86	62	122	116	11	—	—	—	—
February	18·8	7·2	26·3	−2·9	29·4	−10·6	87	61	112	86	10	—	—	—	—
March	22·1	9·8	28·6	0·3	32·8	−5·0	84	54	124	213	9	—	—	—	—
April	26·0	14·2	30·8	4·8	33·3	−0·6	87	54	122	162	8	—	—	—	—
May	29·5	18·0	33·3	11·7	36·7	6·7	90	54	122	123	8	—	—	—	—
June	33·0	21·3	35·7	17·3	39·4	12·8	90	56	104	99	10	—	—	—	—
July	33·3	23·0	36·2	20·1	38·3	16·7	92	59	160	80	14	—	—	—	—
August	33·3	22·7	35·9	19·1	38·9	15·6	93	60	135	88	12	—	—	—	—
September	30·9	20·0	35·1	12·8	37·2	−2·2	91	58	89	96	9	—	—	—	—
October	27·2	14·1	32·2	5·2	34·4	0·0	89	53	63	69	6	—	—	—	—
November	21·3	8·5	28·8	−1·1	31·7	−5·6	85	54	104	128	7	—	—	—	—
December	17·8	6·3	26·3	−3·2	28·3	−7·2	84	60	130	101	11	—	—	—	—
Year	25·9	14·2	36·8*	−6·2*	39·4	−10·6	88	57	1387	213	114	—	—	—	—
No. of Years	30	30	30	30	30	30	13	13	30	30	30	—	—	—	—

Lake Charles 30° 07′ N 93° 13′ W 3 m — Louisiana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	16·8	7·2	24·8	−2·7	27·8	−11·1	89	68	112	80	10	—	—	—	—
February	18·3	8·7	25·7	−1·3	29·4	−10·6	88	65	114	126	9	—	—	—	—
March	21·8	10·4	27·9	1·3	34·4	−4·4	86	60	107	140	8	—	—	—	—
April	25·4	14·5	30·4	6·1	33·3	1·1	90	59	112	193	8	—	—	—	—
May	29·2	19·2	32·9	13·1	36·1	7·8	91	58	117	136	8	—	—	—	—
June	31·8	22·8	35·4	18·2	37·8	14·4	87	57	119	407	9	—	—	—	—
July	32·5	23·3	36·6	20·7	38·9	17·2	93	62	185	185	13	—	—	—	—
August	32·5	23·2	36·3	20·0	40·0	16·1	93	61	122	226	11	—	—	—	—
September	30·8	21·1	35·2	14·3	37·2	7·2	92	60	102	126	8	—	—	—	—
October	27·0	15·7	32·4	7·1	35·6	1·7	90	55	79	86	6	—	—	—	—
November	20·8	9·9	28·6	0·7	31·1	−2·8	87	57	107	125	8	—	—	—	—
December	17·3	7·8	25·5	−1·6	28·9	−6·1	88	65	147	168	10	—	—	—	—
Year	25·3	15·5	37·2*	−4·6*	40·0	−11·1	89	61	1423	407	108	—	—	—	—
No. of Years	30	30	30	30	30	30	21	21	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Monroe 32° 31′ N 92° 03′ W 24 m Louisiana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·9	3·6	25·2	−5·9	28·3	−15·0	—	—	148	119	11	—	—	—	—
February	16·5	5·2	26·4	−4·8	30·0	−18·9	—	—	126	93	10	—	—	—	—
March	20·4	7·9	29·0	−1·1	32·8	−9·4	—	—	127	139	10	—	—	—	—
April	25·2	12·3	31·5	3·6	35·0	−5·0	—	—	128	126	9	—	—	—	—
May	29·1	16·8	33·8	10·1	36·1	5·6	—	—	125	110	8	—	—	—	—
June	33·1	20·7	36·8	15·7	41·7	12·2	—	—	92	170	8	—	—	—	—
July	34·2	22·2	37·8	18·7	40·6	12·8	—	—	139	155	9	—	—	—	—
August	34·5	21·7	38·0	17·2	42·2	13·3	—	—	69	79	8	—	—	—	—
September	31·9	18·3	36·7	10·4	39·4	2·8	—	—	58	114	6	—	—	—	—
October	26·9	11·9	32·9	2·7	36·7	−1·7	—	—	72	123	5	—	—	—	—
November	19·8	6·2	28·7	−2·7	31·1	−7·2	—	—	116	137	8	—	—	—	—
December	15·7	4·1	24·8	−4·7	27·8	−8·9	—	—	138	118	10	—	—	—	—
Year	25·2	12·6	38·6*	−8·2*	42·2	−18·9	—	—	1338	170	102	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

New Orleans 29° 59′ N 90° 15′ W 1 m Louisiana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	18·0	7·1	25·8	−0·7	28·3	−7·2	84	65	97	108	10	159	49	—	—
February	19·3	8·6	26·3	0·4	28·9	−7·2	84	62	102	145	9	156	50	—	—
March	21·8	10·9	27·8	3·6	30·6	−5·0	83	58	135	200	9	211	57	—	—
April	25·4	14·5	30·5	8·3	33·9	5·0	86	58	114	123	7	237	64	—	—
May	29·1	18·0	32·9	14·3	35·6	10·0	85	58	112	250	8	270	68	—	—
June	32·0	21·4	35·2	19·3	37·8	15·6	85	60	112	101	11	271	68	—	—
July	32·6	22·6	35·7	21·3	37·8	18·3	87	65	170	139	14	237	61	—	—
August	32·6	22·8	35·3	21·3	37·8	16·7	88	64	135	79	14	261	65	—	—
September	30·7	20·7	34·4	17·4	37·2	11·7	87	63	127	120	10	234	65	—	—
October	26·8	15·8	31·3	9·6	33·3	2·2	84	57	71	347	6	249	73	—	—
November	21·3	9·8	28·1	3·1	31·7	−1·1	82	58	84	157	7	189	62	—	—
December	18·5	7·5	26·1	0·3	28·9	−3·9	85	65	104	96	10	161	50	—	—
Year	25·7	15·0	36·3*	−2·6*	37·8	−7·2	85	61	1363	347	115	2635	61	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Shreveport 32° 28′ N 93° 49′ W 77 m Louisiana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·7	3·5	24·7	−6·0	29·4	−16·1	84	66	123	122	10	150	49	—	—
February	15·4	4·9	26·1	−4·2	29·4	−16·7	82	62	104	91	9	187	52	—	—
March	19·2	8·1	28·8	−0·7	32·8	−9·4	81	56	104	138	10	218	58	—	—
April	24·1	12·9	30·9	4·4	33·3	1·7	84	57	117	145	9	229	63	—	—
May	28·4	17·3	33·5	11·1	37·2	5·6	87	57	122	168	8	295	70	—	—
June	32·6	21·4	36·5	17·1	40·0	12·8	87	56	84	103	7	334	78	—	—
July	34·8	22·9	37·9	19·8	41·1	15·6	88	56	94	316	8	330	79	—	—
August	34·9	22·6	38·2	18·6	42·8	13·9	88	54	63	87	7	311	78	—	—
September	32·5	19·4	36·4	12·4	40·0	6·1	88	55	58	61	6	280	75	—	—
October	27·3	12·9	32·6	4·7	37·2	−0·6	87	52	71	173	6	274	76	—	—
November	19·3	6·9	28·2	−1·6	31·1	−6·1	84	57	107	140	8	207	65	—	—
December	15·1	4·4	24·7	−4·6	28·9	−10·0	85	64	124	82	9	180	54	—	—
Year	24·8	13·1	38·8*	−8·2*	42·8	−16·7	85	58	1171	316	97	2995	66	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	20	—	—

*Average of highest/lowest each year

UNITED STATES

Caribou 46° 52′ N 68° 01′ W 189 m — Maine

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·8	−17·2	4·8	−29·4	11·1	−35·6	79	72	53	29	14	—	—	—	—
February	−5·4	−16·3	4·2	−28·3	8·3	−40·6	79	70	51	26	13	—	—	—	—
March	−0·1	−10·1	8·1	−21·3	14·4	−28·9	79	65	61	42	13	—	—	—	—
April	7·2	−2·4	18·3	−9·9	26·7	−16·7	78	59	66	49	13	—	—	—	—
May	15·9	3·9	27·3	−2·8	32·8	−7·2	73	52	76	57	13	—	—	—	—
June	20·7	9·2	30·7	1·9	35·6	−0·6	79	58	104	60	13	—	—	—	—
July	23·9	12·2	31·3	6·4	35·0	4·4	81	58	102	74	14	—	—	—	—
August	23·0	11·0	29·5	3·8	35·0	1·1	85	57	94	104	13	—	—	—	—
September	17·8	6·4	27·7	−1·4	32·8	−5·0	87	59	89	158	12	—	—	—	—
October	11·1	1·1	21·3	−6·3	26·1	−10·0	87	62	86	82	12	—	—	—	—
November	2·7	−4·7	14·1	−13·3	20·0	−18·9	86	74	76	41	13	—	—	—	—
December	−4·7	−13·6	5·8	−26·0	14·4	−31·1	83	73	61	36	13	—	—	—	—
Year	8·8	−1·7	32·4*	−31·6*	35·6	−40·6	81	63	919	158	156	—	—	—	—
No. of Years	30	30	22	22	22	22	21	21	30	22	22	—	—	—	—

Eastport 44° 55′ N 66° 59′ W 24 m — Maine

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0800	1400							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·8	−9·4	8·7	−21·3	14·4	−26·7	78	70	93	63	14	—	46	—	—
February	−0·6	−8·9	7·7	−19·4	12·2	−30·0	79	67	83	49	12	—	51	—	—
March	3·0	−4·3	11·6	−13·9	24·4	−23·3	76	66	79	49	13	—	52	—	—
April	8·3	0·7	17·4	−4·8	27·2	−12·2	79	69	77	56	13	—	49	—	—
May	13·8	4·8	23·9	0·2	32·2	−4·4	81	70	77	75	13	—	53	—	—
June	17·9	8·5	28·1	4·8	33·3	2·2	84	73	82	67	12	—	53	—	—
July	21·4	11·5	28·7	8·6	31·7	6·7	87	76	78	67	11	—	58	—	—
August	21·3	11·9	28·3	8·7	33·9	5·6	87	72	73	107	10	—	60	—	—
September	17·8	9·6	26·2	3·7	33·3	0·0	86	73	83	93	11	—	54	—	—
October	12·9	5·5	20·7	−1·3	26·7	−5·6	83	70	85	73	11	—	52	—	—
November	7·3	0·4	15·2	−8·2	21·7	−15·6	82	74	108	94	12	—	36	—	—
December	1·1	−6·9	10·4	−18·3	13·9	−30·6	80	70	89	75	13	—	42	—	—
Year	10·3	1·9	30·7*	−23·1*	33·9	−30·6	82	71	1007	107	145	—	51	—	—
No. of Years	30	30	30	30	30	30	20	20	30	30	30	—	23	—	—

Farmington 44° 40′ N 70° 09′ W 128 m — Maine

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·2	−13·6	7·2	−27·4	16·7	−37·2	—	—	90	61	11	—	—	—	—
February	−0·2	−12·7	8·1	−26·7	13·3	−33·3	—	—	75	61	9	—	—	—	—
March	4·8	−6·8	13·9	−20·2	25·0	−27·2	—	—	100	90	10	—	—	—	—
April	11·9	−0·6	23·5	−8·0	30·6	−17·2	—	—	95	57	12	—	—	—	—
May	19·1	5·1	30·2	−2·7	35·0	−6·7	—	—	97	68	12	—	—	—	—
June	24·4	9·9	33·0	2·3	36·7	−1·1	—	—	99	78	12	—	—	—	—
July	27·5	12·7	33·2	6·5	36·7	3·9	—	—	97	64	12	—	—	—	—
August	26·0	11·4	33·3	4·6	37·2	2·2	—	—	79	64	10	—	—	—	—
September	21·3	7·0	30·7	−1·3	35·0	−6·1	—	—	97	107	11	—	—	—	—
October	15·4	1·9	25·4	−6·9	31·1	−11·7	—	—	97	102	10	—	—	—	—
November	7·1	−2·6	16·9	−12·6	23·9	−21·1	—	—	113	86	12	—	—	—	—
December	−0·6	−10·1	9·1	−23·3	15·0	−35·0	—	—	90	65	11	—	—	—	—
Year	12·9	0·1	34·6*	−30·3*	37·2	−37·2	—	—	1129	107	132	—	—	—	—
No. of Years	20	20	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Millinocket 45° 39′ N 68° 42′ W 118 m — Maine

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−3·6	−14·4	6·7	−27·1	13·9	−36·7	—	—	82	50	11	—	—	—	—
February	−1·9	−13·9	6·0	−27·1	11·7	−36·1	—	—	71	60	10	—	—	—	—
March	3·1	−7·9	12·7	−21·4	23·3	−33·3	—	—	81	75	10	—	—	—	—
April	11·0	−1·2	21·8	−8·4	29·4	−15·0	—	—	83	63	11	—	—	—	—
May	19·1	4·5	28·9	−3·5	35·0	−7·2	—	—	77	43	12	—	—	—	—
June	23·7	10·1	31·9	2·2	35·0	−2·2	—	—	100	86	12	—	—	—	—
July	26·6	13·3	32·4	6·7	36·1	2·8	—	—	87	52	11	—	—	—	—
August	25·7	11·9	32·0	4·1	36·7	0·0	—	—	93	106	11	—	—	—	—
September	20·7	7·8	29·4	−1·4	34·4	−5·0	—	—	95	145	11	—	—	—	—
October	13·8	2·0	23·2	−6·4	29·4	−9·4	—	—	96	91	11	—	—	—	—
November	5·6	−2·9	16·0	−12·6	21·7	−20·6	—	—	103	90	12	—	—	—	—
December	−2·1	−11·5	8·6	−24·1	16·1	−36·7	—	—	90	77	11	—	—	—	—
Year	11·8	−0·2	33·8*	−29·9*	36·7	−36·7	—	—	1058	145	133	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Portland 43° 39′ N 70° 19′ W 19 m — Maine

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−0·1	−11·3	9·9	−21·4	17·8	−29·4	78	64	112	88	12	145	54	—	—
February	0·8	−11·1	9·4	−20·7	17·8	−39·4	77	61	97	70	11	164	59	—	—
March	4·8	−5·6	15·3	−14·7	30·0	−29·4	74	60	109	88	12	201	57	—	—
April	11·4	0·2	22·3	−5·2	31·1	−13·3	73	58	94	67	12	211	56	—	—
May	17·9	5·4	28·0	−0·6	35·6	−5·0	73	58	86	62	13	262	59	—	—
June	22·8	10·6	32·3	5·3	36·1	0·6	76	61	81	55	12	287	62	—	—
July	26·4	13·7	33·7	9·4	36·7	5·0	79	60	74	108	10	315	67	—	—
August	25·8	12·9	33·2	8·0	37·8	3·3	81	60	61	106	10	291	67	—	—
September	21·2	8·4	30·4	0·9	35·6	−5·0	84	61	89	109	10	235	61	—	—
October	15·4	3·0	24·4	−3·7	30·6	−7·8	83	60	81	78	9	202	59	—	—
November	8·7	−1·9	18·1	−9·6	23·3	−15·0	82	64	107	80	11	136	51	—	—
December	1·8	−8·7	11·1	−18·9	16·7	−27·8	79	62	99	63	11	143	53	—	—
Year	13·1	1·3	34·9*	−24·7*	37·8	−39·4	78	61	1090	109	133	2592	59	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Baltimore 39° 17′ N 76° 37′ W 4 m — Maryland

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·7	−0·9	18·2	−9·3	26·1	−17·8	74	60	87	95	11	147	49	—	—
February	7·3	−1·1	18·6	−9·2	25·0	−21·7	72	56	76	52	9	165	56	—	—
March	11·6	2·3	23·9	−5·1	32·2	−11·7	71	53	100	66	12	201	57	—	—
April	18·2	8·1	29·4	1·1	35·0	−4·4	70	50	94	101	10	216	57	—	—
May	23·9	13·8	32·4	7·3	36·7	2·8	73	51	105	99	12	250	61	—	—
June	28·6	18·9	35·6	12·7	40·6	8·9	74	53	100	112	10	311	66	—	—
July	31·0	21·5	36·7	16·4	41·7	12·2	76	53	114	103	10	303	66	—	—
August	29·6	20·7	35·9	15·1	38·9	11·7	79	55	116	194	10	264	64	—	—
September	26·1	16·7	34·1	9·1	37·8	5·0	81	55	92	114	9	227	64	—	—
October	20·2	10·8	29·6	3·3	36·1	−1·1	80	54	82	106	7	205	62	—	—
November	13·6	5·4	23·8	−3·1	30·6	−8·9	76	54	79	106	9	154	55	—	—
December	7·6	0·1	17·9	−8·7	23·9	−15·0	73	58	80	57	9	142	50	—	—
Year	18·7	9·7	37·6*	−11·5*	41·7	−21·7	75	54	1125	194	118	2585	59	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Frederick 39° 25′ N 77° 23′ W 90 m — Maryland

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·3	−4·3	16·3	−14·3	24·4	−27·8	—	—	76	58	11	—	—	—	—
February	6·3	−4·4	17·7	−13·8	24·4	−24·4	—	—	63	44	9	—	—	—	—
March	10·8	−0·7	23·5	−9·3	31·1	−18·3	—	—	89	45	12	—	—	—	—
April	17·9	4·6	29·4	−3·2	33·9	−6·7	—	—	94	69	11	—	—	—	—
May	23·7	10·3	32·4	1·6	35·6	−4·4	—	—	99	53	12	—	—	—	—
June	28·2	15·5	35·6	7·6	40·0	1·7	—	—	91	87	10	—	—	—	—
July	30·3	18·1	36·6	11·1	42·8	5·6	—	—	99	84	11	—	—	—	—
August	29·3	17·2	35·9	9·4	39·4	3·9	—	—	109	121	10	—	—	—	—
September	25·6	13·0	33·9	3·0	38·9	−2·2	—	—	86	102	9	—	—	—	—
October	19·6	6·7	29·4	−2·6	37·2	−5·6	—	—	79	77	8	—	—	—	—
November	12·6	0·9	23·0	−7·9	30·0	−15·6	—	—	74	72	9	—	—	—	—
December	6·1	−3·7	16·9	−13·6	22·2	−28·3	—	—	74	50	10	—	—	—	—
Year	18·0	6·1	37·4*	−17·6*	42·8	−28·3	—	—	1033	121	122	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Snow Hill 38° 11′ N 75° 24′ W 4 m — Maryland

Period 1932–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	8·8	−2·2	18·9	−12·1	23·3	−23·9	—	—	104	87	10	—	—	—	—
February	9·6	−2·1	19·8	−10·8	25·0	−20·6	—	—	89	43	9	—	—	—	—
March	12·9	0·8	23·9	−7·9	31·7	−14·4	—	—	119	117	12	—	—	—	—
April	19·0	5·9	29·1	−2·4	33·3	−6·7	—	—	95	76	10	—	—	—	—
May	24·4	11·3	32·0	2·1	36·1	−2·8	—	—	93	63	10	—	—	—	—
June	28·9	16·2	34·9	7·8	37·8	3·3	—	—	103	61	9	—	—	—	—
July	30·7	18·7	35·6	11·7	38·3	7·8	—	—	135	150	10	—	—	—	—
August	29·9	18·1	34·9	10·3	38·9	6·1	—	—	135	230	9	—	—	—	—
September	26·8	14·4	33·4	4·9	39·4	1·1	—	—	115	185	8	—	—	—	—
October	21·3	8·3	28·8	−1·1	36·1	−4·4	—	—	100	125	8	—	—	—	—
November	15·3	2·5	24·0	−6·7	28·9	−11·7	—	—	90	63	8	—	—	—	—
December	9·6	−1·9	19·6	−11·8	23·3	−18·9	—	—	87	71	10	—	—	—	—
Year	19·8	7·5	36·4*	−14·5*	39·4	−23·9	—	—	1265	230	113	—	—	—	—
No. of Years	29	29	29	29	29	29	—	—	29	29	29	—	—	—	—

Boston 42° 22′ N 71° 01′ W 5 m — Massachusetts

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·7	−5·0	13·6	−15·4	22·2	−24·4	71	60	99	77	12	151	50	—	—
February	3·0	−4·9	12·8	−15·1	20·0	−27·8	70	58	84	67	11	175	56	—	—
March	7·0	−0·7	18·7	−9·4	30·0	−17·2	68	55	107	64	12	211	57	—	—
April	13·2	4·4	25·5	−1·3	31·7	−8·3	68	54	97	67	12	216	55	—	—
May	19·7	10·1	30·7	4·0	35·6	1·1	69	55	84	114	12	273	58	—	—
June	24·6	15·1	34·1	9·3	37·8	5·0	71	57	89	106	11	304	63	—	—
July	27·7	18·6	34·8	13·8	37·8	11·1	72	56	74	78	10	326	65	—	—
August	26·7	17·4	34·3	12·4	38·3	7·8	75	57	94	179	10	287	65	—	—
September	23·0	13·9	31·8	6·2	37·8	2·8	77	59	89	143	9	248	62	—	—
October	17·1	8·4	27·1	1·3	32·2	−3·9	76	56	79	93	9	219	60	—	—
November	11·1	3·2	21·2	−5·8	28·3	−13·3	74	58	99	85	10	164	51	—	—
December	4·5	−3·1	14·3	−14·1	18·9	−27·2	69	57	91	85	10	165	52	—	—
Year	15·0	6·4	35·8*	−18·2*	38·3	−27·8	72	57	1086	179	128	2739	58	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Nantucket 41° 15′ N 70° 04′ W 13 m Massachusetts

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·0	−3·4	11·2	−10·9	17·8	−16·7	80	72	107	69	13	112	43	—	—
February	3·4	−4·1	10·2	−11·4	13·3	−20·6	80	70	97	56	12	149	51	—	—
March	5·8	−1·3	12·6	−7·1	17·2	−13·9	78	68	114	76	13	206	58	—	—
April	10·3	2·8	17·9	−1·2	26·1	−6·7	79	68	97	81	12	216	57	—	—
May	15·5	7·4	22·9	3·0	27·8	−1·1	80	70	74	78	10	264	60	—	—
June	19·9	12·1	27·1	7·8	31·1	3·9	83	73	74	117	9	296	64	—	—
July	23·5	15·9	28·3	12·4	32·2	8·3	86	73	69	94	8	297	65	—	—
August	23·6	15·9	28·5	12·2	35·0	9·4	85	72	94	93	9	263	64	—	—
September	20·7	13·0	26·4	7·6	31·1	1·7	83	70	89	103	8	245	63	—	—
October	16·0	8·2	22·7	2·3	27·8	−1·7	81	70	94	108	9	205	58	—	—
November	11·3	3·6	17·6	−3·1	20·6	−7·8	81	70	104	66	11	133	47	—	—
December	5·8	−1·9	12·9	−10·7	15·6	−22·2	79	70	99	55	12	125	45	—	—
Year	13·3	5·7	29·7*	−13·8*	35·0	−22·2	81	71	1112	117	126	2511	56	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	22	—	—

Pittsfield 42° 26′ N 73° 18′ W 357 m Massachusetts

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·8	−10·5	10·6	−21·7	18·3	−30·0	—	—	76	51	13	—	—	—	—
February	−0·2	−10·6	10·1	−21·4	15·6	−32·2	—	—	63	38	12	—	—	—	—
March	4·2	−5·7	15·8	−15·9	27·2	−22·8	—	—	81	53	13	—	—	—	—
April	11·9	0·3	25·0	−6·4	32·8	−15·0	—	—	99	62	12	—	—	—	—
May	19·0	6·1	28·8	−1·1	32·8	−3·9	—	—	99	44	12	—	—	—	—
June	23·7	10·8	32·0	3·9	37·8	0·6	—	—	109	73	11	—	—	—	—
July	26·2	13·6	32·8	7·4	37·2	5·0	—	—	124	102	11	—	—	—	—
August	25·3	12·6	32·2	5·7	37·8	1·7	—	—	99	83	10	—	—	—	—
September	20·8	8·2	29·6	−0·3	35·0	−4·4	—	—	114	85	9	—	—	—	—
October	15·2	2·7	25·1	−5·1	29·4	−10·0	—	—	84	58	9	—	—	—	—
November	7·8	−1·9	18·6	−11·0	24·4	−18·3	—	—	99	87	12	—	—	—	—
December	0·6	−8·4	11·9	−20·3	16·7	−30·6	—	—	84	143	12	—	—	—	—
Year	12·8	1·4	33·4*	−24·7*	37·8	−32·2	—	—	1131	143	136	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Alpena 45° 04′ N 83° 34′ W 210 m Michigan

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·7	−12·0	6·3	−20·3	16·7	−26·1	85	74	48	31	16	93	29	—	—
February	−1·2	−13·2	6·6	−20·7	13·9	−33·3	83	68	41	27	13	128	43	—	—
March	2·3	−9·3	13·3	−16·8	26·1	−27·2	83	65	51	37	12	197	52	—	—
April	10·5	−2·6	23·4	−6·8	30·0	−13·9	78	61	66	43	12	214	56	—	—
May	18·1	2·6	28·6	−0·8	33·9	−3·9	75	61	74	53	12	271	60	—	—
June	23·7	8·1	32·3	4·6	37·8	−1·1	77	62	69	47	11	306	66	—	—
July	26·9	10·8	32·9	8·4	40·0	3·9	78	60	74	59	9	334	73	—	—
August	25·8	10·3	32·6	7·1	37·8	1·7	83	62	76	78	10	278	66	—	—
September	20·8	5·9	30·9	1·8	36·7	−2·8	87	65	91	112	12	201	54	—	—
October	14·9	0·9	24·9	−2·5	28·9	−6·7	86	64	61	37	12	161	46	—	—
November	6·4	−3·5	16·5	−9·8	25·0	−18·9	83	70	61	42	14	76	24	—	—
December	−0·1	−8·7	8·4	−16·9	15·0	−25·6	84	74	46	64	15	81	25	—	—
Year	12·2	−0·9	34·8*	−22·4*	40·0	−33·3	82	65	758	112	148	2340	49	—	—
No. of Years	30	30	30	30	30	30	20	18	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Detroit 42° 25′ N 83° 01′ W 189 m — Michigan

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·6	−6·3	10·9	−16·2	19·4	−22·8	81	72	53	43	13	87	30	—	—
February	1·1	−6·4	11·7	−15·8	20·0	−26·7	81	68	53	61	12	118	43	—	—
March	5·7	−2·6	18·6	−11·3	27·8	−18·3	79	62	61	45	13	171	49	—	—
April	13·6	3·8	25·6	−3·9	30·6	−10·0	75	54	76	75	12	202	53	—	—
May	20·3	9·7	30·2	1·4	33·9	−1·1	72	52	89	61	12	261	58	—	—
June	26·2	15·7	33·6	7·2	40·0	3·3	74	53	71	67	11	294	63	—	—
July	28·8	18·2	35·5	11·4	40·6	8·9	74	51	71	71	8	285	71	—	—
August	27·7	17·6	34·3	10·2	38·3	6·1	80	53	74	93	8	291	66	—	—
September	23·4	13·3	32·9	4·2	37·8	0·0	83	54	61	65	9	238	60	—	—
October	17·1	7·1	27·9	−0·6	31·7	−3·9	82	55	66	84	9	199	55	—	—
November	8·4	0·9	19·7	−7·8	27·2	−15·0	80	65	56	44	11	101	34	—	—
December	2·1	−4·4	12·1	−14·2	17·8	−20·6	81	71	53	37	13	91	32	—	—
Year	14·6	5·5	36·4*	−18·2*	40·6	−26·7	79	59	784	93	131	2338	51	—	—
No. of Years	30	30	30	30	30	30	28	28	30	30	30	10	30	—	—

Escanaba 45° 45′ N 87° 05′ W 181 m — Michigan

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·6	−11·6	3·7	−23·7	11·7	−30·0	84	73	38	32	11	123	40	—	—
February	−2·8	−12·0	5·5	−22·7	11·1	−35·0	83	68	30	58	9	162	50	—	—
March	1·1	−7·6	9·6	−18·1	26·1	−25·6	83	65	43	31	11	231	55	—	—
April	8·1	−0·3	18·3	−7·3	27·8	−16·1	80	63	56	53	10	233	55	—	—
May	14·7	5·6	25·3	−1·3	31·1	−5·0	78	64	76	54	12	281	57	—	—
June	20·7	11·6	29·1	4·2	35·0	1·1	80	66	81	100	11	283	60	—	—
July	24·3	14·8	31·1	8·1	37·2	5·6	81	66	89	87	10	305	66	—	—
August	23·2	14·1	30·4	6·6	37·8	2·8	85	67	79	65	11	273	61	—	—
September	18·4	9·7	26·4	1·2	35·6	−2·8	87	68	79	128	12	201	53	—	—
October	12·7	4·7	21·8	−2·9	27·8	−7·8	83	67	53	45	10	162	48	—	—
November	4·6	−2·2	14·0	−12·0	20·6	−21·7	82	70	58	51	11	87	31	—	—
December	−1·3	−8·4	6·2	−19·4	13·3	−27·2	82	72	36	28	11	91	34	—	—
Year	10·0	1·5	32·2*	−25·6*	37·8	−35·0	82	67	718	128	129	2432	51	—	—
No. of Years	30	30	30	30	30	30	20	20	30	30	30	10	30	—	—

Grand Rapids 42° 53′ N 85° 31′ W 239 m — Michigan

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·4	−8·5	10·5	−15·8	18·9	−21·1	85	76	52	30	15	79	25	—	—
February	0·1	−8·7	10·8	−15·7	18·3	−26·7	83	71	45	60	12	115	39	—	—
March	5·3	−4·5	18·6	−11·4	27·8	−20·6	83	63	62	63	13	179	48	—	—
April	13·7	1·6	25·4	−4·1	31·1	−10·6	79	54	70	48	12	195	54	—	—
May	20·5	7·2	30·1	1·1	35·0	−2·8	78	53	82	73	13	275	61	—	—
June	26·3	13·1	33·8	7·2	38·9	1·7	79	54	91	85	10	309	65	—	—
July	29·2	15·6	35·4	11·1	42·2	8·9	81	50	67	59	8	330	75	—	—
August	28·1	14·6	34·3	9·8	38·3	6·7	85	52	72	107	9	287	71	—	—
September	23·5	10·0	32·2	3·9	36·7	−1·7	87	55	79	79	10	222	62	—	—
October	17·1	4·2	27·0	−0·3	31·1	−3·9	86	56	67	91	10	183	55	—	—
November	7·9	−2·0	19·7	−7·1	27·2	−18·9	83	69	65	68	12	82	32	—	—
December	1·3	−6·8	11·6	−12·7	17·2	−17·8	84	75	53	34	14	69	25	—	—
Year	14·4	3·0	36·3*	−17·8*	42·2	−26·7	83	61	805	107	138	2325	51	—	—
No. of Years	30	30	25	25	25	25	28	28	30	25	25	10	30	—	—

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*Average of highest/lowest each year

UNITED STATES

Grayling 44° 38′ N 84° 47′ W 358 m Michigan

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−3·1	−11·9	5·7	−26·1	13·9	−35·0	—	—	36	23	12	—	—	—	
February	−1·7	−12·3	6·7	−26·6	13·3	−39·4	—	—	31	22	9	—	—	—	—
March	2·9	−8·8	13·7	−22·9	26·1	−38·9	—	—	38	25	9	—	—	—	—
April	11·8	−1·3	24·4	−11·2	29·4	−23·3	—	—	65	40	10	—	—	—	—
May	19·4	4·6	29·2	−4·7	36·1	−7·2	—	—	89	105	11	—	—	—	—
June	24·8	10·1	32·8	0·9	39·4	−2·8	—	—	94	79	10	—	—	—	—
July	27·2	12·3	33·4	4·3	40·0	0·0	—	—	97	107	8	—	—	—	—
August	26·3	11·9	32·8	3·0	37·8	−2·2	—	—	86	61	9	—	—	—	—
September	21·0	8·1	30·6	−1·8	38·3	−8·3	—	—	97	61	11	—	—	—	—
October	15·1	2·9	24·5	−5·9	30·0	−10·6	—	—	76	61	10	—	—	—	—
November	5·4	−2·8	16·9	−14·2	23·9	−22·8	—	—	73	50	13	—	—	—	—
December	−1·1	−8·6	8·1	−22·1	15·6	−30·6	—	—	40	35	12	—	—	—	—
Year	12·3	0·3	34·8*	−28·9*	40·0	−39·4	—	—	822	107	124	—	—	—	—
No. of Years	26	26	30	30	30	30	—	—	30	30	30	—	—	—	—

Ironwood 46° 27′ N 90° 10′ W 463 m Michigan

Period 1936–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−5·2	−15·1	3·6	−29·3	8·9	−35·0	—	—	46	21	12	—	—	—	—
February	−3·2	−14·7	6·0	−30·1	12·8	−36·1	—	—	45	30	9	—	—	—	—
March	1·8	−10·2	12·8	−25·1	26·1	−30·6	—	—	52	42	9	—	—	—	—
April	11·2	−1·1	23·1	−10·8	30·0	−18·3	—	—	68	77	10	—	—	—	—
May	18·8	4·7	28·7	−4·1	33·9	−7·8	—	—	99	51	13	—	—	—	—
June	23·8	10·4	31·4	1·3	35·6	−3·9	—	—	125	97	12	—	—	—	—
July	26·4	13·2	32·8	5·6	40·0	2·8	—	—	101	172	10	—	—	—	—
August	25·3	12·6	32·2	4·2	38·3	−0·6	—	—	109	69	11	—	—	—	—
September	20·1	7·8	29·6	−1·6	33·9	−6·1	—	—	87	57	12	—	—	—	—
October	14·6	2·8	24·7	−5·9	30·0	−12·8	—	—	57	52	10	—	—	—	—
November	3·3	−4·9	15·2	−17·2	24·4	−26·1	—	—	81	43	12	—	—	—	—
December	−3·2	−11·8	5·9	−25·7	12·8	−33·9	—	—	48	33	11	—	—	—	—
Year	11·1	−0·5	34·0*	−31·8*	40·0	−36·1	—	—	918	172	131	—	—	—	—
No. of Years	22	22	25	25	25	25	—	—	25	25	25	—	—	—	—

Manistee 44° 14′ N 86° 18′ W 178 m Michigan

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−0·6	−7·8	7·4	−18·0	14·4	−26·7	—	—	52	42	16	—	—	—	—
February	0·3	−7·4	8·1	−18·9	14·4	−30·0	—	—	41	43	12	—	—	—	—
March	3·8	−4·7	15·5	−15·0	26·7	−25·6	—	—	45	38	12	—	—	—	—
April	11·7	1·2	24·2	−5·9	29·4	−11·7	—	—	63	34	10	—	—	—	—
May	18·3	6·1	28·7	−1·2	33·9	−6·1	—	—	68	90	11	—	—	—	—
June	24·0	11·6	32·5	3·6	37·2	0·6	—	—	69	125	10	—	—	—	—
July	26·6	14·6	33·7	8·1	37·2	4·4	—	—	66	57	8	—	—	—	—
August	25·9	14·4	32·8	6·9	37·8	4·4	—	—	78	123	9	—	—	—	—
September	21·6	10·3	31·1	1·8	36·1	−2·2	—	—	83	77	11	—	—	—	—
October	15·8	5·3	24·7	−1·9	31·1	−5·6	—	—	75	59	11	—	—	—	—
November	7·2	−0·3	18·0	−8·9	23·9	−22·2	—	—	72	43	13	—	—	—	—
December	1·3	−5·1	9·7	−14·9	17·2	−30·6	—	—	47	36	14	—	—	—	—
Year	13·0	3·2	34·7*	−21·5*	37·8	−30·6	—	—	759	125	137	—	—	—	—
No. of Years	13	13	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Marquette 46° 34′ N 87° 24′ W 206 m — Michigan

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·5	−10·4	4·7	−21·1	13·9	−27·2	81	74	48	35	17	99	29	—	—
February	−3·0	−10·7	6·9	−20·1	12·2	−32·2	81	71	43	33	14	131	39	—	—
March	0·8	−6·7	12·2	−19·6	24·4	−25·0	80	70	48	40	13	200	47	—	—
April	8·1	−0·1	23·6	−7·2	30·0	−15·6	74	65	69	62	11	227	52	—	—
May	14·9	4·9	28·7	−1·4	37·2	−5·6	74	64	76	52	12	285	54	—	—
June	20·9	10·3	32·4	3·8	38·3	1·1	76	65	89	118	12	311	58	—	—
July	24·3	14·2	33·7	9·1	40·0	6·1	75	63	81	100	10	330	64	—	—
August	23·3	14·2	33·3	7·9	38·9	3·3	78	64	76	64	10	287	58	—	—
September	18·7	9·8	30·4	2·8	36·7	−0·6	81	66	84	51	13	206	52	—	—
October	13·0	4·8	24·9	−1·9	30·0	−7·2	79	65	58	103	12	163	42	—	—
November	4·1	−2·1	14·9	−10·9	22·8	−18·3	81	73	84	59	16	84	24	—	—
December	−1·5	−7·3	7·4	−17·4	13·9	−24·4	80	74	48	31	16	78	25	—	—
Year	10·0	1·7	35·6*	−22·8*	40·0	−32·2	78	68	804	118	156	2401	45	—	—
No. of Years	30	30	30	30	30	30	23	23	30	30	30	10	29	—	—

Saginaw 43° 32′ N 84° 05′ W 202 m — Michigan

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·2	−8·9	8·6	−19·4	16·7	−27·2	—	—	42	32	12	—	—	—	—
February	−0·2	−8·5	8·6	−18·9	16·7	−27·8	—	—	44	38	11	—	—	—	—
March	3·3	−5·2	17·4	−13·4	27·8	−22·2	—	—	49	54	12	—	—	—	—
April	12·8	1·8	25·7	−5·7	30·0	−11·7	—	—	63	38	12	—	—	—	—
May	19·5	6·8	29·6	−0·9	34·4	−3·9	—	—	75	56	12	—	—	—	—
June	25·6	13·0	33·7	4·9	40·0	0·6	—	—	75	76	10	—	—	—	—
July	27·9	15·1	35·1	8·5	43·9	5·0	—	—	65	77	8	—	—	—	—
August	27·0	14·2	34·2	7·6	38·9	3·3	—	—	74	85	9	—	—	—	—
September	22·1	9·8	32·1	1·4	37·8	−2·8	—	—	76	83	10	—	—	—	—
October	16·3	4·8	26·4	−3·1	30·0	−6·7	—	—	67	116	9	—	—	—	—
November	7·0	−1·2	18·7	−9·7	26·7	−19·4	—	—	58	46	12	—	—	—	—
December	0·7	−6·5	10·7	−17·1	17·8	−23·9	—	—	45	35	12	—	—	—	—
Year	13·4	2·9	36·2*	−21·5*	43·9	−27·8	—	—	733	116	129	—	—	—	—
No. of Years	13	13	30	30	30	30	—	—	30	30	30	—	—	—	—

Bemidji 47° 30′ N 94° 56′ W 424 m — Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−8·8	−21·6	3·3	−37·2	13·9	−45·6	—	—	4	21	8	—	—	—	—
February	−5·9	−20·3	5·6	−35·7	14·4	−43·9	—	—	13	26	6	—	—	—	—
March	0·3	−13·4	11·9	−30·0	28·9	−38·9	—	—	24	39	8	—	—	—	—
April	10·2	−2·9	22·8	−14·0	32·8	−25·0	—	—	46	53	8	—	—	—	—
May	18·4	4·2	29·6	−4·4	37·8	−7·8	—	—	66	60	11	—	—	—	—
June	23·1	10·1	31·9	1·4	38·3	−3·3	—	—	93	99	12	—	—	—	—
July	27·1	13·2	34·4	5·8	41·7	2·8	—	—	79	61	10	—	—	—	—
August	25·4	12·0	33·6	3·4	38·3	−1·1	—	—	85	86	10	—	—	—	—
September	19·4	6·3	30·1	−3·2	39·4	−7·8	—	—	50	44	9	—	—	—	—
October	12·9	0·4	25·4	−9·6	31·1	−18·3	—	—	33	53	8	—	—	—	—
November	1·4	−8·3	13·8	−22·8	22·8	−28·9	—	—	27	29	8	—	—	—	—
December	−5·6	−17·5	5·9	−32·8	16·7	−42·8	—	—	17	53	8	—	—	—	—
Year	9·8	−3·2	35·4*	−39·1*	41·7	−45·6	—	—	537	99	106	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Duluth 46° 50′ N 92° 11′ W 435 m Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−7·8	−18·1	2·8	−30·8	12·8	−38·9	84	76	28	23	10	143	45	—	—
February	−5·9	−17·7	5·3	−28·2	13·3	−36·1	84	72	25	24	8	172	56	—	—
March	−0·5	−11·4	10·6	−21·9	27·2	−30·6	84	67	41	46	10	229	59	—	—
April	8·4	−2·8	22·1	−9·5	31·1	−20·6	80	61	61	46	9	222	57	—	—
May	15·9	3·2	28·0	−1·8	35·0	−6·1	78	56	84	65	12	261	57	—	—
June	21·3	8·5	30·3	2·6	35·6	−0·6	84	62	109	67	13	292	60	—	—
July	25·1	12·2	32·3	7·7	41·1	5·0	86	61	89	122	11	323	67	—	—
August	23·7	11·6	31·8	6·7	34·4	3·3	89	63	97	86	11	279	62	—	—
September	18·2	6·5	27·9	0·2	33·3	−3·3	90	65	74	99	10	201	53	—	—
October	12·5	1·4	23·4	−5·9	29·4	−13·3	86	63	56	52	9	185	50	—	—
November	1·7	−6·9	12·8	−17·8	18·9	−27·2	87	74	46	49	10	105	34	—	—
December	−5·4	−14·6	5·2	−27·2	13·3	−35·6	85	77	30	46	9	116	40	—	—
Year	8·9	−2·3	33·5*	−32·1*	41·1	−38·9	85	66	740	122	122	2528	53	—	—
No. of Years	30	30	28	28	28	28	28	28	30	29	29	10	28	—	—

Fergus Falls 46° 17′ N 96° 04′ W 369 m Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−7·6	−17·6	3·7	−31·5	13·3	−38·9	—	—	20	28	8	—	—	—	—
February	−4·9	−16·0	5·3	−29·9	13·9	−41·1	—	—	17	27	6	—	—	—	—
March	1·9	−8·3	13·4	−21·9	26·7	−35·0	—	—	31	57	7	—	—	—	—
April	12·4	0·2	24·4	−9·4	31·7	−18·3	—	—	57	60	9	—	—	—	—
May	20·5	7·2	30·9	−1·9	40·6	−6·7	—	—	77	69	11	—	—	—	—
June	25·2	12·7	33·3	4·2	39·4	−0·6	—	—	112	101	11	—	—	—	—
July	29·0	15·8	36·2	9·0	43·3	5·6	—	—	78	88	9	—	—	—	—
August	27·8	14·7	35·5	7·1	39·4	1·1	—	—	79	76	9	—	—	—	—
September	22·0	8·9	32·3	−0·8	40·6	−5·0	—	—	44	86	8	—	—	—	—
October	14·9	2·7	26·4	−7·2	33·3	−14·4	—	—	34	81	7	—	—	—	—
November	3·1	−6·3	15·3	−18·7	22·2	−26·7	—	—	25	30	8	—	—	—	—
December	−4·1	−13·9	5·7	−27·3	18·3	−33·9	—	—	21	36	7	—	—	—	—
Year	11·7	0·0	37·2*	−33·1*	43·3	−41·1	—	—	595	101	100	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

International Falls 48° 34′ N 93° 23′ W 359 m Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−10·6	−23·2	1·4	−35·8	8·9	−40·6	74	69	23	15	12	—	—	—	—
February	−6·8	−20·4	3·3	−33·0	11·7	−38·9	76	67	18	29	10	—	—	—	—
March	−1·0	−14·1	10·2	−27·7	24·4	−36·7	78	63	28	27	10	—	—	—	—
April	9·2	−3·1	22·8	−12·3	33·9	−25·6	78	54	37	36	10	—	—	—	—
May	17·2	3·0	28·9	−4·5	32·8	−7·8	76	49	64	42	12	—	—	—	—
June	22·3	8·8	31·4	1·1	36·7	−1·7	83	55	101	73	13	—	—	—	—
July	25·6	11·7	32·8	5·5	36·1	3·3	88	57	106	69	11	—	—	—	—
August	24·3	10·6	32·0	3·3	35·0	0·0	91	60	75	122	12	—	—	—	—
September	17·9	5·1	28·4	−3·2	32·8	−6·7	91	62	76	68	11	—	—	—	—
October	12·3	0·6	24·3	−7·8	30·0	−13·9	86	60	47	51	9	—	—	—	—
November	0·2	−8·3	10·9	−21·2	20·0	−32·8	85	73	39	22	12	—	—	—	—
December	−7·3	−18·4	4·1	−31·7	11·1	−40·6	80	74	25	31	12	—	—	—	—
Year	8·6	−4·0	33·8*	−36·7*	36·7	−40·6	82	62	639	122	134	—	—	—	—
No. of Years	14	14	21	21	21	21	14	14	15	21	21	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Minneapolis 44° 53′ N 93° 13′ W 254 m Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·3	−16·5	5·4	−27·6	14·4	−36·7	82	72	18	18	8	135	50	—	—
February	−3·2	−15·0	7·3	−25·4	15·0	−33·3	81	68	20	23	7	169	57	—	—
March	2·9	−8·0	15·9	−18·3	25·6	−32·8	80	62	38	38	10	196	54	—	—
April	13·2	0·4	25·9	−5·8	33·3	−14·4	75	52	48	39	9	217	56	—	—
May	20·6	7·4	31·1	0·6	41·1	−3·3	74	50	81	78	11	256	59	—	—
June	25·6	13·1	34·4	7·2	40·0	1·1	78	54	102	62	12	278	62	—	—
July	28·8	15·9	36·1	11·8	42·2	8·9	80	52	84	103	10	310	72	—	—
August	27·4	14·8	34·9	9·6	39·4	4·4	83	54	81	67	10	273	68	—	—
September	22·3	9·2	32·7	2·2	40·0	−3·3	83	54	61	84	9	229	62	—	—
October	15·9	2·9	26·4	−3·6	31·7	−8·3	79	54	41	136	8	203	58	—	—
November	4·7	−5·7	17·2	−15·1	25·0	−22·8	81	67	36	73	8	125	40	—	—
December	−2·6	−12·9	8·1	−23·2	17·2	−30·0	83	73	23	27	8	118	41	—	—
Year	12·5	0·5	36·9*	−29·1*	42·2	−36·7	80	59	633	136	110	2509	57	—	—
No. of Years	30	30	30	30	30	30	28	28	30	30	30	10	28	—	—

Red Lake Falls 47° 54′ N 96° 16′ W 315 m Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·2	−21·6	2·2	−36·1	11·7	−45·6	—	—	12	15	7	—	—	—	—
February	−6·3	−19·9	3·5	−34·9	16·7	−45·6	—	—	11	17	5	—	—	—	—
March	0·4	−12·1	11·2	−28·2	25·0	−39·4	—	—	20	25	6	—	—	—	—
April	10·8	−1·8	23·6	−12·7	33·9	−23·9	—	—	37	36	7	—	—	—	—
May	18·8	4·9	30·2	−3·8	38·9	−8·3	—	—	63	52	9	—	—	—	—
June	23·6	10·5	32·2	1·6	39·4	−2·2	—	—	91	97	11	—	—	—	—
July	26·8	13·7	34·7	6·2	43·3	1·7	—	—	83	91	10	—	—	—	—
August	26·2	12·9	34·4	4·1	37·2	0·0	—	—	90	76	9	—	—	—	—
September	20·1	7·2	30·7	−3·2	35·0	−6·1	—	—	49	55	8	—	—	—	—
October	14·3	1·6	25·4	−8·9	30·6	−16·7	—	—	34	43	6	—	—	—	—
November	1·8	−7·6	13·8	−22·5	22·8	−35·0	—	—	24	33	7	—	—	—	—
December	−5·8	−16·9	4·6	−31·7	13·3	−41·7	—	—	14	17	6	—	—	—	—
Year	10·1	−2·4	35·7*	−38·2*	43·3	−45·6	—	—	528	97	91	—	—	—	—
No. of Years	18	18	30	30	30	30	—	—	30	30	30	—	—	—	—

Redwood Falls 44° 33′ N 95° 05′ W 311 m Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·6	−17·7	6·1	−28·6	17·8	−35·6	—	—	14	19	5	—	—	—	—
February	−3·0	−14·3	8·3	−26·8	15·0	−36·1	—	—	20	25	4	—	—	—	—
March	1·7	−8·5	16·6	−18·9	27·2	−31·7	—	—	35	34	7	—	—	—	—
April	13·1	0·4	27·1	−7·2	33·3	−15·6	—	—	50	43	7	—	—	—	—
May	21·1	7·8	32·1	−0·5	41·7	−6·1	—	—	85	69	10	—	—	—	—
June	26·1	13·1	35·2	5·7	42·2	1·1	—	—	109	87	10	—	—	—	—
July	28·6	15·4	37·0	10·2	43·3	7·2	—	—	72	72	8	—	—	—	—
August	27·6	15·3	35·9	7·6	40·0	2·2	—	—	82	60	9	—	—	—	—
September	22·8	9·1	33·7	0·1	40·6	−3·9	—	—	54	83	7	—	—	—	—
October	16·5	2·9	28·3	−5·6	33·9	−10·6	—	—	35	43	5	—	—	—	—
November	4·6	−6·0	18·3	−17·4	24·4	−25·6	—	—	30	66	5	—	—	—	—
December	−2·4	−12·7	8·3	−24·9	21·1	−32·2	—	—	16	33	5	—	—	—	—
Year	12·5	0·4	38·2*	−30·1*	43·3	−36·1	—	—	602	87	82	—	—	—	—
No. of Years	13	13	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Rochester   43° 55′ N   92° 30′ W   395 m

Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−5·0	−15·4	5·2	−29·2	14·4	−40·0	79	71	23	30	7	—	—	—	—
February	−3·3	−14·3	6·6	−27·4	15·6	−36·7	80	69	20	37	6	—	—	—	—
March	2·7	−7·3	16·3	−19·2	25·0	−33·9	81	63	41	43	9	—	—	—	—
April	12·8	0·5	25·8	−7·2	32·2	−14·4	79	52	56	36	9	—	—	—	—
May	20·2	7·2	30·5	−1·7	41·1	−4·4	78	53	94	59	12	—	—	—	—
June	25·6	13·3	33·6	4·4	40·6	−0·6	82	56	114	102	11	—	—	—	—
July	28·9	15·8	35·3	8·5	42·2	4·4	85	56	94	133	8	—	—	—	—
August	27·6	14·3	34·3	5·9	37·8	0·6	88	57	97	83	10	—	—	—	—
September	22·4	9·5	31·8	−0·9	36·7	−5·6	85	53	79	81	9	—	—	—	—
October	16·3	3·6	25·9	−6·2	32·2	−12·2	79	54	43	44	7	—	—	—	—
November	4·4	−4·9	17·4	−17·1	23·9	−27·2	78	63	41	45	8	—	—	—	—
December	−2·6	−12·3	7·9	−26·6	17·2	−34·4	82	73	25	28	7	—	—	—	—
Year	12·5	0·8	36·1*	−31·2*	42·2	−40·0	81	60	727	133	103	—	—	—	—
No. of Years	30	30	30	30	30	30	12	12	30	30	30	—	—	—	—

Saint Cloud   45° 33′ N   94° 04′ W   313 m

Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−6·4	−17·9	4·3	−30·9	12·8	−40·0	77	70	18	15	8	—	—	—	—
February	−4·3	−16·4	6·2	−29·1	14·4	−37·2	79	69	20	46	6	—	—	—	—
March	1·8	−9·0	13·4	−21·8	26·1	−35·6	81	64	33	34	9	—	—	—	—
April	12·0	−0·1	24·5	−8·3	32·8	−16·7	81	52	51	50	8	—	—	—	—
May	19·7	6·5	30·2	−1·8	40·6	−7·2	79	50	89	55	11	—	—	—	—
June	24·8	12·1	33·2	4·6	38·9	0·6	84	56	114	75	12	—	—	—	—
July	28·4	14·9	35·3	8·7	41·7	5·0	87	55	84	57	9	—	—	—	—
August	26·9	13·7	34·5	6·4	40·6	1·1	90	58	94	116	10	—	—	—	—
September	21·5	8·3	32·1	−0·6	41·1	−7·8	89	57	61	68	8	—	—	—	—
October	14·9	2·0	25·7	−6·8	32·2	−12·8	86	57	41	81	7	—	—	—	—
November	3·4	−6·2	15·6	−18·2	22·8	−25·6	82	67	33	36	8	—	—	—	—
December	−3·5	−13·7	6·4	−26·6	17·2	−35·0	81	73	18	27	8	—	—	—	—
Year	11·6	−0·5	36·4*	−32·4*	41·7	−40·0	83	61	656	116	104	—	—	—	—
No. of Years	30	30	30	30	30	30	12	12	30	30	30	—	—	—	—

Willmar   45° 08′ N   95° 01′ W   345 m

Minnesota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−6·4	−16·7	4·3	−30·0	15·6	−38·3	—	—	15	28	5	—	—	—	—
February	−4·0	−14·8	5·8	−28·4	13·3	−37·2	—	—	17	41	4	—	—	—	—
March	2·2	−7·5	14·1	−20·4	25·0	−35·0	—	—	29	35	7	—	—	—	—
April	12·5	1·0	24·9	−7·7	32·8	−17·2	—	—	52	84	8	—	—	—	—
May	20·6	7·8	30·9	−1·2	40·6	−7·8	—	—	81	59	10	—	—	—	—
June	25·6	13·4	33·7	5·4	39·4	0·6	—	—	111	173	11	—	—	—	—
July	29·1	16·2	35·7	9·6	41·7	5·6	—	—	73	88	8	—	—	—	—
August	27·6	14·9	34·4	7·3	38·3	0·6	—	—	90	65	9	—	—	—	—
September	22·5	9·4	32·9	−0·4	40·6	−6·7	—	—	67	100	7	—	—	—	—
October	15·8	3·2	27·0	−6·2	32·8	−13·3	—	—	38	63	6	—	—	—	—
November	3·9	−5·7	16·2	−18·6	23·9	−26·7	—	—	30	44	6	—	—	—	—
December	−3·3	−12·8	6·8	−25·8	17·8	−32·8	—	—	14	33	5	—	—	—	—
Year	12·2	0·7	36·6*	−31·8*	41·7	−38·3	—	—	617	173	86	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

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*Average of highest/lowest each year

UNITED STATES

Greenville 33° 23′ N 91° 03′ W 40 m — Mississippi

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·7	2·1	24·9	−7·8	32·2	−17·8	—	—	161	141	11	—	—	—	—
February	15·2	3·4	25·6	−6·4	32·8	−16·7	—	—	135	94	10	—	—	—	—
March	19·5	6·6	28·4	−2·6	32·2	−9·4	—	—	145	110	10	—	—	—	—
April	24·5	11·6	31·1	2·7	33·3	−0·6	—	—	137	172	9	—	—	—	—
May	28·7	16·4	33·5	9·3	36·1	5·6	—	—	102	94	9	—	—	—	—
June	32·5	20·7	36·2	14·7	40·6	9·4	—	—	86	85	8	—	—	—	—
July	33·5	22·3	36·9	18·1	40·0	11·7	—	—	112	141	9	—	—	—	—
August	33·6	21·7	37·3	16·9	41·7	12·8	—	—	67	107	7	—	—	—	—
September	30·9	18·2	35·7	10·1	38·9	2·8	—	—	82	132	6	—	—	—	—
October	26·2	11·9	31·9	3·0	35·0	−2·2	—	—	60	91	6	—	—	—	—
November	19·1	5·5	28·0	−3·9	30·6	−8·9	—	—	118	110	8	—	—	—	—
December	14·4	2·7	24·0	−6·5	27·8	−13·3	—	—	133	103	11	—	—	—	—
Year	24·3	11·9	37·8*	−9·7*	41·7	−17·8	—	—	1338	172	104	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Hattiesburg 31° 21′ N 89° 17′ W 58 m — Mississippi

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	17·5	4·3	26·2	−5·7	30·6	−13·3	—	—	120	67	10	—	—	—	—
February	18·9	5·5	26·7	−5·1	29·4	−13·9	—	—	135	130	9	—	—	—	—
March	21·9	8·2	29·0	−2·1	31·7	−8·3	—	—	171	113	10	—	—	—	—
April	26·1	12·1	31·3	2·5	34·4	−1·7	—	—	140	134	9	—	—	—	—
May	29·9	16·4	34·4	8·6	40·0	−1·1	—	—	130	156	9	—	—	—	—
June	33·4	20·2	36·8	15·1	41·1	9·4	—	—	106	85	10	—	—	—	—
July	33·7	21·4	37·2	18·3	40·0	12·2	—	—	172	113	14	—	—	—	—
August	33·7	20·9	37·1	16·7	41·1	12·8	—	—	130	90	12	—	—	—	—
September	31·3	18·2	35·5	10·7	37·8	6·1	—	—	107	125	9	—	—	—	—
October	27·3	11·8	32·2	1·9	36·1	−5·0	—	—	69	100	6	—	—	—	—
November	21·2	6·2	28·7	−3·7	31·7	−7·8	—	—	103	150	8	—	—	—	—
December	17·6	4·3	25·7	−5·2	28·9	−9·4	—	—	145	164	10	—	—	—	—
Year	26·0	12·5	38·3*	−7·8*	41·1	−13·9	—	—	1528	156	116	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Jackson 32° 20′ N 90° 13′ W 93 m — Mississippi

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·6	3·0	25·0	−6·8	29·4	−20·6	86	64	132	94	11	132	41	—	—
February	16·4	4·1	25·6	−5·6	28·3	−17·2	84	59	127	102	11	156	47	—	—
March	20·3	6·9	28·4	−1·9	31·1	−8·3	82	54	145	86	10	210	54	—	—
April	25·1	11·4	31·1	3·1	33·9	−1·1	86	53	124	123	9	240	63	—	—
May	29·6	16·1	33·9	8·9	37·2	−0·6	87	53	112	106	8	261	66	—	—
June	32·9	20·2	36·7	15·1	40·6	8·9	88	53	97	132	8	287	69	—	—
July	33·8	22·1	37·2	18·7	40·0	13·9	90	56	122	126	11	281	64	—	—
August	33·9	21·6	37·1	16·8	41·1	12·2	90	53	84	101	8	285	70	—	—
September	31·3	18·2	35·7	10·2	39·4	5·0	90	53	63	80	7	234	63	—	—
October	26·4	12·4	32·5	2·4	35·6	−2·2	88	50	51	65	5	235	63	—	—
November	19·7	6·3	28·1	−3·7	30·0	−8·9	84	51	99	101	8	174	57	—	—
December	15·5	3·8	24·7	−5·4	28·9	−10·0	84	58	135	146	10	150	47	—	—
Year	25·0	12·2	38·2*	−9·2*	41·1	−20·6	87	55	1291	146	106	2645	59	—	—
No. of Years	30	30	30	30	30	30	13	13	30	30	30	10	13	—	—

*Average of highest/lowest each year

UNITED STATES

Meridian 32° 20′ N 88° 45′ W 90 m Mississippi

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·2	2·7	24·6	−6·6	28·3	−16·7	87	60	119	105	10	—	47	—	—
February	16·8	3·8	25·6	−5·6	28·9	−13·3	86	57	130	204	10	—	48	—	—
March	20·4	6·8	28·3	−2·1	31·7	−9·4	85	53	160	123	10	—	56	—	—
April	25·1	10·9	31·1	2·1	32·8	−1·7	88	51	135	147	8	—	62	—	—
May	29·3	15·6	33·8	8·6	37·2	3·3	88	51	99	95	8	—	67	—	—
June	33·0	19·8	36·2	14·7	38·9	7·2	87	53	104	89	9	—	68	—	—
July	33·7	21·3	36·6	18·4	39·4	12·8	91	57	157	177	13	—	62	—	—
August	33·7	20·9	36·7	16·8	40·6	11·7	92	55	89	109	9	—	66	—	—
September	30·9	17·8	35·2	10·6	38·9	6·1	91	54	84	96	7	—	67	—	—
October	26·3	11·0	31·6	2·3	36·1	−4·4	91	51	56	139	5	—	71	—	—
November	19·7	4·9	27·4	−3·8	30·6	−8·9	88	52	79	107	7	—	58	—	—
December	15·6	2·4	24·3	−5·7	27·8	−10·0	89	60	135	123	11	—	46	—	—
Year	25·0	11·5	37·7*	−8·9*	40·6	−16·7	89	55	1347	204	107	—	60	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	—	16	—	—

Natchez 31° 32′ N 91° 22′ W 51 m Mississippi

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·5	4·6	25·3	−5·9	28·3	−15·6	—	—	140	102	9	—	—	—	—
February	18·1	6·1	26·4	−4·6	29·4	−13·3	—	—	123	137	9	—	—	—	—
March	21·4	8·6	28·6	−1·4	32·8	−7·8	—	—	159	104	9	—	—	—	—
April	25·6	12·7	31·1	3·1	33·3	−2·2	—	—	129	161	7	—	—	—	—
May	29·2	16·8	33·4	10·0	36·7	3·9	—	—	152	267	8	—	—	—	—
June	32·8	20·7	35·7	15·8	38·3	11·1	—	—	102	160	7	—	—	—	—
July	33·6	22·0	36·6	19·3	38·9	13·3	—	—	106	74	10	—	—	—	—
August	33·7	21·7	36·7	17·9	40·6	13·9	—	—	99	94	8	—	—	—	—
September	31·3	19·0	35·2	11·6	38·9	5·6	—	—	72	119	6	—	—	—	—
October	26·8	13·0	32·1	2·8	36·1	−2·8	—	—	55	77	4	—	—	—	—
November	20·6	7·2	28·2	−2·6	30·6	−7·8	—	—	113	152	6	—	—	—	—
December	17·2	5·2	25·5	−4·9	28·3	−9·4	—	—	142	94	9	—	—	—	—
Year	25·6	13·1	37·2*	−8·2*	40·6	−15·6	—	—	1392	267	92	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Tupelo 34° 15′ N 88° 43′ W 85 m Mississippi

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·7	1·2	22·6	−9·6	26·1	−25·6	—	—	145	107	11	—	—	—	—
February	13·4	2·7	23·6	−7·7	27·8	−19·4	—	—	139	120	10	—	—	—	—
March	17·7	5·8	26·5	−3·3	30·0	−10·6	—	—	169	239	11	—	—	—	—
April	23·4	10·9	30·7	1·8	32·8	−2·8	—	—	112	71	9	—	—	—	—
May	28·2	15·7	33·9	8·1	37·8	3·9	—	—	101	89	9	—	—	—	—
June	32·6	20·2	37·1	14·2	42·2	9·4	—	—	95	76	8	—	—	—	—
July	33·6	21·8	37·6	17·7	41·1	10·0	—	—	109	69	9	—	—	—	—
August	33·8	21·3	37·9	16·1	42·2	11·7	—	—	65	61	7	—	—	—	—
September	30·4	17·4	35·7	9·4	39·4	3·9	—	—	82	73	6	—	—	—	—
October	25·1	10·8	31·9	1·9	35·6	−3·3	—	—	73	160	6	—	—	—	—
November	17·2	4·8	26·6	−4·5	30·0	−13·3	—	—	115	105	8	—	—	—	—
December	12·7	2·1	21·9	−7·2	27·2	−12·8	—	—	136	118	10	—	—	—	—
Year	23·3	11·2	38·9*	−11·9*	42·2	−25·6	—	—	1341	239	104	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Vicksburg 32° 21′ N 90° 53′ W 71 m

Mississippi

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·1	4·7	24·5	−5·4	27·2	−14·4	83	63	130	118	10	131	43	—	—
February	15·9	6·1	25·1	−3·6	27·8	−14·4	81	61	135	123	10	151	45	—	—
March	19·5	8·9	27·9	−0·2	31·1	−8·3	82	55	145	205	10	203	53	—	—
April	23·9	13·4	30·2	5·6	32·2	2·2	86	57	124	222	9	231	59	—	—
May	28·2	17·8	32·6	11·7	35·0	6·1	87	57	104	158	8	280	67	—	—
June	31·5	21·5	34·9	17·3	37·8	12·8	87	58	89	125	9	304	70	—	—
July	32·4	22·9	35·6	19·8	38·3	15·6	89	62	99	115	10	288	67	—	—
August	32·6	22·6	35·6	18·6	38·3	15·0	90	58	76	157	8	274	71	—	—
September	29·9	19·6	34·4	11·8	37·2	5·0	89	56	63	80	7	239	68	—	—
October	25·2	14·2	31·1	4·9	33·9	−0·6	88	53	51	119	6	233	69	—	—
November	18·8	8·1	27·4	−0·9	29·4	−6·7	85	55	112	135	8	181	58	—	—
December	14·8	5·5	24·0	−4·0	26·7	−9·4	85	63	124	82	10	153	46	—	—
Year	23·9	13·8	36·2*	−7·4*	38·3	−14·4	86	58	1252	222	105	2668	60	—	—
No. of Years	30	30	30	30	30	30	20	18	30	30	30	10	30	—	—

Jefferson City 38° 35′ N 92° 11′ W 195 m

Missouri

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·5	−5·9	19·3	−18·1	26·1	−26·7	—	—	48	76	7	—	—	—	—
February	7·7	−4·5	20·9	−15·4	26·7	−23·9	—	—	50	49	7	—	—	—	—
March	12·5	−0·4	26·2	−11·1	31·1	−26·7	—	—	61	38	9	—	—	—	—
April	19·8	6·1	30·3	−3·1	32·2	−8·3	—	—	91	69	10	—	—	—	—
May	24·9	11·5	32·1	2·9	38·9	−2·2	—	—	121	108	12	—	—	—	—
June	29·8	16·9	35·7	9·2	40·6	4·4	—	—	120	92	10	—	—	—	—
July	32·7	19·0	38·2	12·5	44·4	6·7	—	—	86	84	7	—	—	—	—
August	32·0	18·2	37·5	11·2	43·9	5·0	—	—	101	121	9	—	—	—	—
September	28·2	13·5	35·5	3·9	41·7	−1·7	—	—	100	77	7	—	—	—	—
October	22·1	7·3	30·7	−2·1	35·6	−9·4	—	—	91	144	7	—	—	—	—
November	13·1	0·4	25·6	−9·2	30·6	−15·6	—	—	67	120	7	—	—	—	—
December	7·2	−4·1	19·9	−15·2	26·1	−22·8	—	—	50	97	7	—	—	—	—
Year	19·6	6·5	39·0*	−20·6*	44·4	−26·7	—	—	986	144	99	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Kansas City 39° 17′ N 94° 43′ W 309 m

Missouri

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−4·8	17·0	−17·4	23·9	−25·0	77	64	36	49	7	136	52	—	—
February	7·1	−2·9	19·7	−14·3	25·6	−25·0	76	60	30	36	7	161	56	—	—
March	11·4	1·1	25·1	−9·8	31·7	−19·4	76	56	63	72	9	192	57	—	—
April	18·7	7·7	29·9	−1·1	32·8	−8·9	74	51	91	151	10	228	59	—	—
May	23·9	13·3	32·6	5·1	39·4	0·0	78	53	112	70	12	273	63	—	—
June	29·6	19·2	36·5	11·8	42·2	6·7	78	54	117	86	10	330	70	—	—
July	33·3	21·7	38·8	15·8	44·4	12·2	76	49	81	97	8	328	77	—	—
August	32·4	20·7	38·2	14·1	45·0	9·4	78	51	97	112	9	324	73	—	—
September	28·2	15·5	35·9	6·7	42·8	1·1	78	49	84	95	8	282	70	—	—
October	22·0	9·3	30·4	0·2	36·7	−4·4	76	49	74	76	7	244	68	—	—
November	12·5	1·4	24·1	−8·2	28·3	−15·0	74	54	46	79	6	185	59	—	—
December	6·5	−2·3	17·8	−13·6	22·8	−20·6	77	63	38	70	7	156	51	—	—
Year	19·2	8·3	39·5*	−19·6*	45·0	−25·0	77	54	869	151	100	2839	63	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Kirksville 40° 12′ N 92° 34′ W 295 m Missouri

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	2·3	−8·1	13·8	−21·2	21·1	−27·8	—	—	39	53	6	—	—	—	—
February	4·6	−6·4	16·4	−18·7	25·6	−27·8	—	—	41	40	6	—	—	—	—
March	10·1	−1·8	23·3	−13·3	28·9	−25·0	—	—	62	60	8	—	—	—	—
April	17·8	4·8	28·7	−4·2	32·2	−11·7	—	—	87	61	10	—	—	—	—
May	24·1	11·1	31·4	1·8	38·3	−1·1	—	—	107	64	11	—	—	—	—
June	28·7	15·8	34·9	8·4	41·1	5·0	—	—	134	132	10	—	—	—	—
July	31·8	18·5	37·1	12·2	45·0	8·3	—	—	99	205	7	—	—	—	—
August	29·1	17·6	36·3	10·2	43·9	5·6	—	—	100	98	8	—	—	—	—
September	26·7	12·7	33·9	2·8	39·4	−3·9	—	—	98	132	7	—	—	—	—
October	20·6	7·0	29·2	−3·0	35·0	−8·3	—	—	72	99	6	—	—	—	—
November	10·9	−0·6	22·8	−11·2	27·8	−18·3	—	—	52	57	6	—	—	—	—
December	4·1	−5·4	15·4	−18·3	21·1	−26·1	—	—	45	63	6	—	—	—	—
Year	17·6	5·4	38·0*	−23·3*	45·0	−27·8	—	—	936	205	91	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Poplar Bluff 36° 45′ N 90° 23′ W 101 m Missouri

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	8·7	−2·7	19·9	−13·9	25·6	−28·9	—	—	98	82	8	—	—	—	—
February	10·6	−1·4	21·9	−11·7	26·7	−27·8	—	—	88	89	8	—	—	—	—
March	15·4	2·5	25·8	−7·1	29·4	−17·8	—	—	114	95	9	—	—	—	—
April	21·9	8·3	29·9	−1·2	33·3	−5·0	—	—	114	97	10	—	—	—	—
May	26·6	13·1	32·9	5·0	37·8	−0·6	—	—	123	94	9	—	—	—	—
June	31·3	18·0	36·6	10·8	43·3	6·7	—	—	106	99	8	—	—	—	—
July	33·3	19·9	37·9	13·9	42·2	8·9	—	—	85	141	7	—	—	—	—
August	33·0	19·3	37·9	12·4	42·8	7·2	—	—	79	144	7	—	—	—	—
September	29·6	14·6	35·9	5·2	40·6	0·6	—	—	88	157	7	—	—	—	—
October	23·9	8·1	31·3	−1·1	35·6	−8·3	—	—	83	79	6	—	—	—	—
November	15·7	1·6	25·7	−8·1	28·9	−15·6	—	—	96	85	8	—	—	—	—
December	9·8	−1·8	20·4	−11·7	26·1	−18·3	—	—	86	81	8	—	—	—	—
Year	21·7	8·3	39·1*	−16·6*	43·3	−28·9	—	—	1160	157	95	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

St Louis 38° 45′ N 90° 23′ W 163 m Missouri

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	4·6	−4·7	18·2	−16·0	25·0	−25·6	77	66	51	106	8	133	45	—	—
February	6·7	−3·7	20·5	−13·2	27·8	−22·2	77	61	51	60	8	159	50	—	—
March	11·6	0·2	25·5	−8·8	30·0	−20·6	76	56	79	55	11	213	55	—	—
April	18·8	6·6	30·2	−0·6	32·8	−6·7	74	52	94	105	11	233	59	—	—
May	23·9	11·8	32·4	4·9	36·7	0·6	75	53	94	88	12	279	64	—	—
June	29·5	17·3	36·2	11·8	40·6	8·3	76	53	109	105	10	309	67	—	—
July	31·8	19·4	38·2	15·5	46·1	11·1	75	51	84	119	8	319	72	—	—
August	30·7	19·1	37·3	13·6	42·2	10·0	79	52	76	131	8	285	68	—	—
September	27·4	14·2	35·1	6·6	40·0	−1·7	79	51	71	117	7	261	69	—	—
October	21·2	8·1	30·5	0·9	34·4	−5·6	77	51	74	94	7	235	67	—	—
November	12·1	1·4	24·4	−7·7	29·4	−16·1	75	57	66	64	8	178	55	—	—
December	6·1	−3·1	18·8	−13·0	24·4	−20·0	77	64	51	51	8	133	43	—	—
Year	18·7	7·2	38·8*	−18·2*	46·1	−25·6	76	56	900	131	106	2737	59	—	—
No. of Years	30	30	29	29	29	29	30	30	30	29	29	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Springfield 37° 14′ N 93° 23′ W 386 m

Missouri

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·3	−4·6	19·3	−16·2	23·9	−24·4	83	67	51	98	8	139	47	—	—
February	8·6	−2·9	21·1	−13·3	26·1	−25·0	82	64	51	56	8	163	54	—	—
March	12·6	0·7	24·9	−9·3	30·0	−22·2	80	59	71	92	10	208	55	—	—
April	19·1	7·1	29·1	−1·1	33·3	−8·3	79	55	104	94	11	240	59	—	—
May	23·8	12·2	30·8	4·4	35·0	−1·7	84	59	135	92	11	270	63	—	—
June	29·4	17·5	34·3	10·7	38·3	6·1	85	59	127	158	10	308	69	—	—
July	32·4	19·6	36·6	14·4	45·0	11·1	84	55	99	97	8	320	75	—	—
August	32·2	18·9	36·3	12·8	40·6	7·8	86	55	84	136	9	318	74	—	—
September	28·4	14·3	37·4	5·6	40·0	−5·6	85	53	99	75	8	289	71	—	—
October	22·3	8·4	29·5	−0·8	33·3	−6·1	82	53	97	139	7	238	67	—	—
November	13·5	0·9	23·9	−8·1	27·2	−15·6	81	59	71	82	8	198	59	—	—
December	8·0	−2·8	19·3	−12·9	25·0	−20·6	83	66	56	89	8	153	47	—	—
Year	19·7	7·4	37·5*	−18·5*	45·0	−25·0	83	59	1045	158	106	2844	62	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Billings 45° 48′ N 108° 32′ W 1087 m

Montana

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·7	−10·5	12·6	−24·8	20·0	−34·4	69	64	13	17	7	146	49	—	—
February	2·2	−9·3	15·2	−23·2	24·4	−40·0	72	64	15	15	7	163	53	—	—
March	6·3	−4·4	19·5	−18·7	25·0	−35·6	75	60	28	25	9	225	56	—	—
April	14·1	1·4	25·9	−8·1	33·3	−20·6	71	50	33	62	8	231	58	—	—
May	20·1	7·4	30·9	−0·9	36·7	−10·0	72	47	48	72	10	280	61	—	—
June	24·4	12·3	34·2	4·6	38·9	0·0	76	50	63	71	11	309	64	—	—
July	31·4	16·0	38·2	8·7	42·2	3·3	65	39	23	47	7	374	78	—	—
August	29·6	14·8	37·1	7·6	41·7	2·8	62	40	23	35	7	341	76	—	—
September	23·1	8·5	33·7	0·2	37·8	−4·4	65	47	30	46	6	276	68	—	—
October	16·4	2·9	27·6	−5·2	30·6	−15·6	66	51	28	50	6	223	63	—	—
November	7·2	−3·8	18·5	−15·4	25·0	−30·0	67	59	15	28	6	146	49	—	—
December	3·7	−7·7	14·4	−20·4	20·6	−33·3	67	61	15	17	6	147	48	—	—
Year	14·9	2·3	38·9*	−29·2*	42·2	−40·0	69	53	334	72	90	2861	60	—	—
No. of Years	30	30	30	30	30	30	22	22	30	30	30	10	22	—	—

Butte 45° 57′ N 112° 30′ W 1686 m

Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·2	−16·3	7·6	−32·3	14·4	−44·4	—	—	11	8	8	—	—	—	—
February	0·5	−14·6	9·1	−29·7	15·6	−46·7	—	—	11	10	9	—	—	—	—
March	4·1	−10·0	13·4	−24·5	17·8	−37·8	—	—	17	19	10	—	—	—	—
April	10·5	−3·5	21·1	−13·2	26·1	−25·0	—	—	23	28	9	—	—	—	—
May	16·0	0·8	25·8	−5·8	31·1	−11·1	—	—	44	35	11	—	—	—	—
June	19·9	4·5	29·4	−1·8	33·9	−11·7	—	—	61	42	13	—	—	—	—
July	26·8	7·4	33·2	1·4	37·8	−1·7	—	—	30	34	9	—	—	—	—
August	25·6	5·8	32·4	−0·1	37·2	−3·3	—	—	27	51	7	—	—	—	—
September	19·7	1·6	28·9	−5·5	32·8	−11·1	—	—	26	38	7	—	—	—	—
October	13·5	−2·9	23·6	−11·3	28·3	−28·3	—	—	17	29	6	—	—	—	—
November	4·7	−9·2	14·1	−23·6	20·0	−41·1	—	—	12	19	7	—	—	—	—
December	0·3	−13·5	9·1	−28·7	16·7	−38·3	—	—	12	13	8	—	—	—	—
Year	11·6	−4·2	33·8*	−37·1*	37·8	−46·7	—	—	291	42	104	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Dillon 45° 12′ N 112° 38′ W 1593 m Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·8	−12·0	9·4	−27·3	15·6	−37·8	—	—	11	15	5	—	—	—	—
February	3·0	−10·3	11·8	−25·5	18·3	−40·0	—	—	12	14	5	—	—	—	—
March	7·1	−6·6	16·0	−20·7	21·1	−30·0	—	—	18	22	6	—	—	—	—
April	13·8	−1·6	23·2	−10·7	28·9	−17·8	—	—	28	40	7	—	—	—	—
May	18·8	2·5	27·4	−4·4	32·8	−9·4	—	—	46	37	10	—	—	—	—
June	23·1	6·0	31·1	−0·2	34·4	−3·9	—	—	54	43	11	—	—	—	—
July	28·8	8·6	34·4	2·7	37·2	−1·1	—	—	29	35	7	—	—	—	—
August	27·9	7·3	33·6	1·5	37·8	−1·1	—	—	21	25	6	—	—	—	—
September	22·5	3·3	30·6	−4·1	33·9	−8·3	—	—	27	45	5	—	—	—	—
October	16·0	−0·4	25·3	−9·1	29·4	−25·0	—	—	19	32	5	—	—	—	—
November	7·3	−6·2	16·1	−18·8	20·6	−35·0	—	—	11	32	4	—	—	—	—
December	3·1	−9·3	11·1	−23·4	18·3	−36·1	—	—	11	25	4	—	—	—	—
Year	14·3	−1·6	34·8*	−31·8*	37·8	−40·0	—	—	287	45	75	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Ekalaka 45° 53′ N 104° 32′ W 1044 m Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·6	−14·3	9·6	−30·7	18·3	−42·2	—	—	10	14	6	—	—	—	—
February	0·2	−12·8	11·4	−29·3	16·7	−41·7	—	—	9	10	5	—	—	—	—
March	4·6	−7·9	17·2	−23·8	24·4	−35·6	—	—	15	27	8	—	—	—	—
April	13·2	−1·1	24·9	−12·4	30·6	−21·1	—	—	28	36	7	—	—	—	—
May	19·9	5·0	30·0	−4·6	36·7	−13·3	—	—	50	66	9	—	—	—	—
June	24·3	9·7	33·6	1·8	38·9	−2·2	—	—	75	58	11	—	—	—	—
July	30·6	13·6	37·7	5·6	42·2	−1·1	—	—	46	90	7	—	—	—	—
August	29·6	12·4	37·3	3·4	42·2	−0·6	—	—	35	44	6	—	—	—	—
September	22·9	6·4	33·1	−3·2	37·2	−10·6	—	—	26	37	5	—	—	—	—
October	16·1	0·9	27·2	−9·5	32·2	−21·7	—	—	19	24	4	—	—	—	—
November	5·8	−6·8	16·6	−20·7	21·1	−34·4	—	—	11	21	5	—	—	—	—
December	1·9	−10·3	11·4	−26·8	18·9	−36·1	—	—	8	18	5	—	—	—	—
Year	14·0	−0·4	39·0*	−34·4*	42·2	−42·2	—	—	332	90	78	—	—	—	—
No. of Years	28	28	30	30	30	30	—	—	30	30	30	—	—	—	—

Great Falls 47° 29′ N 111° 22′ W 1117 m Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·2	−10·8	12·6	−25·9	18·3	−36·1	68	63	15	18	7	160	54	—	—
February	1·1	−10·2	13·6	−24·4	21·1	−45·0	70	63	18	22	7	181	64	—	—
March	5·1	−6·6	17·9	−21·0	22·2	−35·6	72	59	23	18	9	258	70	—	—
April	12·9	−0·1	24·6	−9·0	30·6	−23·3	67	45	25	56	8	254	64	—	—
May	18·7	4·6	29·6	−1·2	35·0	−9·4	70	45	53	61	10	300	64	—	—
June	22·7	8·3	32·3	3·8	38·3	−0·6	73	48	74	53	13	324	63	—	—
July	29·3	12·3	36·5	7·9	41·7	5·0	63	37	33	32	7	378	80	—	—
August	27·7	12·1	35·3	6·2	40·6	1·7	62	38	33	69	7	346	78	—	—
September	21·8	7·5	31·8	−1·1	35·0	−8·3	64	43	30	43	7	273	67	—	—
October	15·2	3·1	26·2	−6·4	32·8	−20·0	64	47	18	25	6	217	61	—	—
November	6·8	−3·1	17·7	−16·7	22·2	−30·6	66	57	18	25	7	132	47	—	—
December	2·1	−6·8	13·5	−22·3	20·6	−32·2	66	59	15	18	6	133	51	—	—
Year	13·6	0·9	37·0*	−31·2*	41·7	−45·0	67	50	355	69	94	2956	64	—	—
No. of Years	30	30	30	30	30	30	20	20	30	30	30	10	20	—	—

*Average of highest/lowest each year

UNITED STATES

Havre 48° 34′ N 109° 40′ W 758 m — Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−4·3	−15·8	10·4	−29·9	18·3	−41·7	78	71	13	12	7	117	50	—	—
February	−2·6	−14·9	11·3	−27·4	21·7	−43·9	81	69	10	9	7	147	60	—	—
March	3·2	−8·9	18·3	−22·9	24·4	−35·6	81	61	15	23	8	207	63	—	—
April	13·6	−1·3	26·1	−9·4	35·0	−22·2	75	45	25	28	7	225	65	—	—
May	20·3	4·8	31·2	−1·4	36·7	−10·0	72	39	38	36	9	271	66	—	—
June	23·2	9·0	33·8	4·2	41·7	0·0	77	45	69	56	12	287	65	—	—
July	29·6	12·6	38·1	7·7	41·7	3·9	69	37	33	34	7	357	79	—	—
August	28·1	10·8	36·3	5·7	41·1	1·7	69	38	28	57	7	316	76	—	—
September	21·3	4·8	33·1	−1·2	36·7	−6·7	74	44	25	52	7	243	68	—	—
October	15·2	0·2	27·6	−7·6	32·8	−20·6	74	50	20	35	5	190	60	—	—
November	4·8	−7·7	18·4	−20·4	23·3	−32·2	78	63	13	16	6	124	48	—	—
December	−0·4	−11·9	13·2	−26·3	21·7	−34·4	78	69	13	18	6	123	47	—	—
Year	12·7	−1·5	38·5*	−34·1*	41·7	−43·9	75	53	302	57	88	2607	62	—	—
No. of Years	30	30	30	30	30	30	25	30	30	30	30	10	30	—	—

Kalispell 48° 18′ N 114° 16′ W 904 m — Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·4	−11·1	7·6	−22·9	13·3	−38·9	87	81	35	24	15	—	25	—	—
February	1·1	−9·5	8·9	−21·1	16·7	−37·8	85	74	25	16	11	—	38	—	—
March	5·7	−5·9	13·9	−16·1	18·9	−33·9	82	65	24	25	11	—	46	—	—
April	13·6	−0·6	23·2	−6·4	29·4	−22·2	78	52	26	40	9	—	56	—	—
May	19·1	3·3	27·7	−1·4	35·0	−7·2	78	48	42	43	11	—	61	—	—
June	22·5	7·1	31·0	2·1	35·6	−2·2	80	50	56	46	12	—	59	—	—
July	28·7	8·7	34·8	5·1	40·0	0·6	74	41	26	29	7	—	80	—	—
August	27·3	7·2	32·7	3·3	35·6	−0·6	71	41	28	53	7	—	77	—	—
September	21·2	4·0	29·9	−1·8	34·4	−8·3	79	51	26	28	8	—	60	—	—
October	13·3	−0·2	22·3	−6·1	26·7	−20·0	84	64	31	31	10	—	48	—	—
November	4·1	−5·2	12·7	−13·7	17·8	−33·3	87	78	36	25	12	—	26	—	—
December	−0·4	−7·4	9·1	−18·1	13·9	−30·0	87	81	34	21	15	—	16	—	—
Year	12·8	−0·8	35·2*	−27·5*	40·0	−38·9	81	61	389	53	128	—	49	—	—
No. of Years	30	30	30	30	30	30	22	30	30	30	30	—	19	—	—

Lewistown 47° 03′ N 109° 27′ W 1259 m — Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·1	−12·7	11·3	−27·7	18·9	−36·7	—	—	14	20	8	—	—	—	—
February	1·4	−12·1	12·3	−26·2	21·1	−41·1	—	—	15	21	8	—	—	—	—
March	4·5	−7·9	16·4	−23·2	23·3	−33·3	—	—	22	29	10	—	—	—	—
April	12·2	−2·1	24·2	−12·2	31·7	−27·2	—	—	25	22	8	—	—	—	—
May	18·1	3·0	28·9	−4·3	36·7	−11·7	—	—	66	67	12	—	—	—	—
June	21·5	6·8	30·8	0·9	37·2	−2·2	—	—	98	52	14	—	—	—	—
July	28·0	10·1	35·4	4·4	40·0	0·6	—	—	40	58	9	—	—	—	—
August	26·8	8·9	34·7	3·2	38·3	−0·6	—	—	38	28	9	—	—	—	—
September	21·0	4·2	31·9	−3·8	35·6	−8·9	—	—	37	45	8	—	—	—	—
October	15·6	0·1	26·3	−9·7	32·2	−23·3	—	—	29	43	7	—	—	—	—
November	6·8	−6·1	18·3	−19·3	25·0	−33·9	—	—	18	25	8	—	—	—	—
December	3·1	−9·4	14·0	−24·8	23·3	−35·6	—	—	18	24	8	—	—	—	—
Year	13·2	−1·4	36·0*	−31·9*	40·0	−41·1	—	—	420	67	109	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

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*Average of highest/lowest each year

UNITED STATES

Livingston 45° 40′ N 110° 34′ W 1367 m Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·7	−8·9	11·1	−25·7	15·0	−36·7	—	—	13	17	5	—	—	—	—
February	3·6	−8·1	13·5	−23·0	20·6	−42·8	—	—	12	15	5	—	—	—	—
March	6·9	−5·5	17·5	−20·4	22·2	−37·2	—	—	23	24	7	—	—	—	—
April	13·7	−0·6	23·8	−10·7	30·6	−23·3	—	—	32	29	7	—	—	—	—
May	19·2	3·7	28·6	−3·6	33·9	−11·1	—	—	49	43	8	—	—	—	—
June	23·0	7·5	32·0	1·3	37·8	−2·2	—	—	57	40	11	—	—	—	—
July	29·7	10·8	36·2	4·7	40·0	1·7	—	—	27	52	6	—	—	—	—
August	28·7	9·7	35·2	3·3	38·3	0·0	—	—	30	62	6	—	—	—	—
September	22·6	5·5	32·0	−2·9	36·7	−9·4	—	—	36	31	6	—	—	—	—
October	16·3	1·7	25·9	−7·8	29·4	−22·2	—	—	27	35	6	—	—	—	—
November	7·6	−3·6	17·2	−16·8	22·8	−32·8	—	—	17	25	5	—	—	—	—
December	4·0	−6·1	12·9	−20·8	20·0	−37·2	—	—	15	17	5	—	—	—	—
Year	14·7	0·5	36·7*	−31·3*	40·0	−42·8	—	—	338	62	77	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Medicine Lake 48° 29′ N 104° 27′ W 595 m Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·1	−20·9	4·9	−35·1	12·2	−43·9	—	—	8	8	5	—	—	—	—
February	−4·5	−17·0	6·1	−32·2	20·0	−50·0	—	—	8	10	4	—	—	—	—
March	1·3	−11·2	15·1	−26·8	25·0	−36·7	—	—	8	13	4	—	—	—	—
April	12·8	−2·2	25·2	−12·1	32·2	−21·1	—	—	23	37	5	—	—	—	—
May	20·4	5·0	31·1	−4·6	39·4	−11·7	—	—	38	37	8	—	—	—	—
June	24·7	9·6	33·3	2·4	40·0	−2·8	—	—	87	94	12	—	—	—	—
July	28·9	12·2	37·3	5·0	47·2	−1·1	—	—	51	50	9	—	—	—	—
August	28·7	11·6	36·5	3·1	41·7	−2·8	—	—	38	42	8	—	—	—	—
September	22·1	5·3	32·7	−4·3	38·3	−9·4	—	—	29	58	6	—	—	—	—
October	15·3	−0·8	27·1	−10·3	31·7	−20·6	—	—	17	31	4	—	—	—	—
November	4·5	−7·9	15·8	−21·9	22·2	−33·3	—	—	13	25	5	—	—	—	—
December	−3·3	−14·8	8·8	−27·9	20·0	−40·0	—	—	8	14	4	—	—	—	—
Year	11·8	−2·6	37·8*	−37·3*	47·2	−50·0	—	—	328	94	74	—	—	—	—
No. of Years	13	13	27	27	27	27	—	—	27	27	27	—	—	—	—

Miles City 46° 26′ N 105° 52′ W 801 m Montana

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·6	−14·7	9·9	−28·9	18·9	−38·3	80	69	10	18	7	—	53	—	—
February	−0·1	−12·9	12·3	−27·6	21·7	−42·8	81	66	10	20	6	—	64	—	—
March	5·7	−7·0	19·6	−20·8	28·3	−32·8	84	60	18	15	8	—	58	—	—
April	14·8	0·4	27·1	−8·5	32·8	−17·8	75	47	28	35	7	—	59	—	—
May	21·4	6·7	32·3	−1·1	38·3	−9·4	73	43	43	55	10	—	69	—	—
June	25·8	11·4	35·8	5·2	41·7	0·0	76	47	69	53	11	—	70	—	—
July	32·3	15·8	39·7	9·4	42·8	5·0	69	36	33	42	7	—	81	—	—
August	30·8	14·3	38·6	7·6	43·3	4·4	67	36	30	42	7	—	77	—	—
September	24·0	8·2	35·2	−0·1	40·6	−5·6	71	42	25	68	6	—	69	—	—
October	16·9	1·9	28·5	−6·1	33·9	−17·2	75	48	23	35	6	—	61	—	—
November	6·4	−5·7	18·8	−17·7	24·4	−30·6	81	62	10	30	5	—	51	—	—
December	0·9	−10·7	12·2	−25·7	21·7	−35·0	81	69	10	13	6	—	47	—	—
Year	14·7	0·6	40·3*	−32·9*	43·3	−42·8	76	52	309	55	86	—	63	—	—
No. of Years	30	30	30	30	30	30	18	18	30	30	30	—	12	—	—

*Average of highest/lowest each year

Missoula 46° 55′ N 114° 05′ W 972 m Montana

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·2	−12·1	8·1	−22·2	15·6	−36·1	86	79	23	22	13	75	30	—	—
February	1·1	−8·9	10·2	−18·9	17·8	−33·3	85	74	23	21	11	104	37	—	—
March	6·6	−4·7	17·3	−13·4	22·2	−25·0	82	62	18	16	10	168	45	—	—
April	13·9	−0·3	25·2	−5·8	31·1	−16·7	79	49	25	41	9	208	51	—	—
May	19·2	3·6	29·5	−1·1	35·0	−6·1	80	48	48	36	12	253	56	—	—
June	22·7	6·8	33·2	2·6	37·8	−0·6	82	49	48	43	12	269	55	—	—
July	29·4	9·4	37·1	5·6	40·6	2·2	76	39	23	37	6	386	79	—	—
August	28·2	8·3	35·2	4·7	37·8	0·0	71	40	18	36	6	318	75	—	—
September	21·9	4·0	31·9	−0·6	36·7	−5·0	78	48	25	39	7	258	66	—	—
October	14·2	−0·9	24·4	−5·1	28·3	−15·0	85	62	25	31	9	170	50	—	—
November	4·4	−6·1	14·2	−13·2	19·4	−30·6	87	74	23	15	11	101	32	—	—
December	−0·2	−9·2	9·8	−17·9	15·6	−29·4	88	80	28	21	13	76	25	—	—
Year	13·3	−0·8	37·4*	−26·2*	40·6	−36·1	82	59	327	43	119	2386	50	—	—
No. of Years	30	30	30	30	30	30	26	26	30	30	30	10	26	—	—

Chadron 42° 50′ N 103° 50′ W 1006 m Nebraska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·9	−11·1	14·3	−24·9	19·4	−33·9	—	—	11	27	5	—	—	—	—
February	4·6	−9·4	16·6	−23·1	22·2	−35·0	—	—	11	20	5	—	—	—	—
March	8·4	−5·8	22·4	−19·3	29·4	−28·9	—	—	24	32	7	—	—	—	—
April	15·4	0·6	27·8	−9·1	31·1	−20·6	—	—	49	49	9	—	—	—	—
May	20·9	6·6	31·8	−2·0	36·7	−8·9	—	—	72	55	11	—	—	—	—
June	27·0	11·8	35·8	4·1	40·0	−0·6	—	—	69	81	10	—	—	—	—
July	32·6	15·7	39·7	8·8	43·3	3·3	—	—	44	46	8	—	—	—	—
August	31·7	14·6	38·8	6·4	41·1	1·7	—	—	31	52	6	—	—	—	—
September	26·0	8·4	35·9	−1·2	39·4	−7·8	—	—	33	59	6	—	—	—	—
October	19·0	2·0	30·3	−7·1	35·0	−15·0	—	—	21	30	5	—	—	—	—
November	9·4	−5·1	21·4	−17·3	25·0	−27·8	—	—	12	28	4	—	—	—	—
December	4·6	−8·8	16·4	−22·5	23·3	−31·7	—	—	10	25	5	—	—	—	—
Year	16·9	1·6	40·3*	−28·7*	43·3	−35·0	—	—	387	81	81	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Grand Island 40° 58′ N 98° 18′ W 563 m Nebraska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·3	−10·9	14·1	−23·1	21·1	−32·2	79	64	15	35	4	—	—	—	—
February	3·4	−8·7	16·7	−20·7	22·8	−30·6	79	64	18	19	5	—	—	—	—
March	8·6	−3·8	23·7	−15·8	32·2	−29·4	78	61	33	43	7	—	—	—	—
April	16·7	3·4	29·4	−5·8	34·4	−18·3	78	51	58	55	8	—	—	—	—
May	22·8	9·4	32·7	0·8	40·0	−3·3	82	56	99	75	11	—	—	—	—
June	28·9	15·3	37·3	7·1	42·2	2·2	82	53	97	59	10	—	—	—	—
July	33·1	18·3	39·7	12·2	47·2	7·8	83	51	63	118	7	—	—	—	—
August	31·8	17·5	38·9	9·8	44·4	4·4	83	53	58	52	8	—	—	—	—
September	26·6	11·7	35·7	1·5	42·8	−2·8	79	46	53	81	6	—	—	—	—
October	20·1	5·1	30·2	−4·4	35·6	−10·0	76	47	25	41	5	—	—	—	—
November	9·9	−3·2	22·6	−13·6	27·8	−21·7	75	50	20	32	4	—	—	—	—
December	3·9	−7·8	15·9	−19·8	26·7	−27·8	78	59	15	31	4	—	—	—	—
Year	17·3	3·9	40·8*	−25·7*	47·2	−32·2	79	55	554	118	79	—	—	—	—
No. of Years	30	30	30	30	30	30	12	12	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Lincoln 40° 51′ N 96° 45′ W 360 m Nebraska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·1	−8·8	13·2	−21·2	22·2	−28·3	81	66	23	35	7	172	59	—	—
February	3·3	−7·1	16·1	−18·6	22·8	−28·9	82	64	28	49	7	180	57	—	—
March	8·9	−2·1	24·0	−13·1	32·8	−25·6	81	59	43	47	8	211	57	—	—
April	17·4	4·6	29·5	−3·9	32·8	−12·8	77	51	63	72	9	253	61	—	—
May	23·3	10·6	32·8	2·6	40·0	−1·7	80	53	89	63	11	290	64	—	—
June	29·1	16·6	37·1	9·2	42·2	5·0	80	52	114	105	11	332	70	—	—
July	33·5	19·9	39·6	13·4	46·1	9·4	76	46	84	123	8	340	78	—	—
August	31·8	18·9	38·3	11·7	43·3	5·6	81	49	86	75	10	321	73	—	—
September	26·9	13·3	35·8	3·8	40·6	−1·1	81	49	74	78	7	286	71	—	—
October	20·6	6·8	30·2	−2·2	37·2	−6·7	78	48	41	66	6	252	69	—	—
November	10·7	−0·9	22·4	−10·8	28·3	−17·8	79	56	33	48	5	191	59	—	—
December	4·2	−5·8	15·3	−17·4	23·9	−25·6	82	64	23	60	6	178	55	—	—
Year	17·6	5·5	40·2*	−23·3*	46·1	−28·9	80	55	701	123	95	3006	64	—	—
No. of Years	30	30	30	30	30	30	21	21	30	30	30	10	30	—	—

McCook 40° 13′ N 100° 38′ W 782 m Nebraska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	4·5	−10·4	16·7	−21·7	22·8	−31·1	—	—	13	53	3	—	—	—	—
February	7·7	−7·2	20·8	−19·4	28·3	−32·2	—	—	17	28	4	—	—	—	—
March	11·1	−4·5	26·1	−15·3	33·9	−28·9	—	—	35	69	5	—	—	—	—
April	19·2	2·6	30·8	−6·7	36·7	−17·8	—	—	52	44	7	—	—	—	—
May	24·4	9·1	34·3	0·6	38·3	−4·4	—	—	79	63	9	—	—	—	—
June	30·4	14·6	37·9	6·7	44·4	2·2	—	—	82	81	8	—	—	—	—
July	33·2	17·2	40·2	11·6	45·6	7·8	—	—	69	74	7	—	—	—	—
August	32·5	16·7	38·8	9·8	42·8	4·4	—	—	58	58	6	—	—	—	—
September	28·2	10·6	36·5	1·0	41·1	−6·7	—	—	41	76	5	—	—	—	—
October	21·6	4·1	30·9	−5·1	35·0	−11·7	—	—	25	86	3	—	—	—	—
November	12·6	−3·6	23·7	−14·8	30·0	−23·9	—	—	16	34	3	—	—	—	—
December	7·3	−7·2	17·6	−18·6	25·6	−28·9	—	—	14	39	3	—	—	—	—
Year	19·4	3·5	41·1*	−24·9*	45·6	−32·2	—	—	501	86	63	—	—	—	—
No. of Years	14	14	30	30	30	30	—	—	30	30	30	—	—	—	—

Norfolk 41° 59′ N 97° 26′ W 471 m Nebraska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−1·1	−13·0	12·0	−25·9	19·4	−32·8	79	66	20	44	6	—	—	—	—
February	0·7	−10·8	13·6	−23·6	22·8	−34·4	82	66	20	19	5	—	—	—	—
March	6·2	−4·7	22·3	−17·1	32·2	−28·9	83	64	41	27	9	—	—	—	—
April	15·4	2·8	29·1	−6·8	33·3	−20·6	80	50	56	37	9	—	—	—	—
May	22·0	9·3	32·8	0·3	41·1	−5·6	82	52	94	81	11	—	—	—	—
June	27·8	15·3	37·1	6·7	42·8	1·1	83	55	109	198	11	—	—	—	—
July	31·8	18·2	39·2	10·6	46·7	7·2	82	53	76	68	8	—	—	—	—
August	30·7	17·3	37·5	8·7	43·3	3·9	85	54	66	54	9	—	—	—	—
September	25·6	11·1	34·9	0·3	38·3	−4·4	82	48	58	77	7	—	—	—	—
October	19·0	4·2	29·6	−5·7	35·6	−10·0	79	48	30	38	5	—	—	—	—
November	8·4	−4·2	21·9	−15·3	27·8	−24·4	78	56	23	33	5	—	—	—	—
December	1·9	−9·4	14·3	−21·7	21·7	−31·7	80	64	18	54	5	—	—	—	—
Year	15·7	3·0	40·4*	−28·1*	46·7	−34·4	81	56	611	198	90	—	—	—	—
No. of Years	30	30	30	30	30	30	16	16	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

North Platte 41° 08′ N 100° 41′ W 846 m Nebraska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·9	−11·8	15·1	−22·3	21·7	−31·7	83	61	10	45	5	169	61	—	—
February	4·9	−9·5	17·9	−20·3	23·9	−31·7	84	59	13	30	6	169	60	—	—
March	8·8	−5·5	23·9	−16·0	31·1	−30·0	83	54	25	41	7	202	60	—	—
April	16·0	1·4	28·3	−6·9	32.8	−19·4	80	48	51	104	8	242	62	—	—
May	21·7	7·7	32·2	−0·1	37·2	−6·1	84	49	74	59	11	269	63	—	—
June	27·7	13·4	36·3	6·6	41.7	2·2	84	51	84	92	10	315	69	—	—
July	32·2	16·8	38·8	10·8	44·4	4·4	81	47	63	70	9	330	75	—	—
August	31·4	15·8	37·7	9·3	42·2	4·4	84	48	53	95	9	301	72	—	—
September	26·3	8·9	35·4	0·6	40·6	−4·4	82	45	43	85	6	268	71	—	—
October	19·7	1·4	30·3	−5·9	35·6	−11·7	82	44	23	95	4	242	70	—	—
November	10·1	−6·2	22·7	−14·5	27·8	−24·4	82	51	13	21	4	181	62	—	—
December	4·7	−9·9	16·6	−19·6	24·4	−31·1	84	60	10	26	4	179	59	—	—
Year	17·2	1·9	39·5*	−25·4*	44·4	−31·7	83	51	462	104	83	2867	65	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Omaha 41° 18′ N 95° 54′ W 298 m Nebraska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·2	−10·6	11·9	−22·6	20·6	−29·4	81	68	20	33	6	147	54	—	—
February	2·2	−8·3	14·1	−20·0	20·6	−28·3	81	65	23	44	7	171	57	—	—
March	8·0	−2·6	23·2	−13·2	31·1	−26·7	79	59	38	33	8	190	54	—	—
April	16·9	4·9	29·3	−3·9	33·3	−12·2	75	50	66	56	9	241	60	—	—
May	23·3	11·2	32·7	2·9	39·4	−1·7	78	52	89	76	11	264	61	—	—
June	28·8	16·9	36·9	9·1	41·7	3·9	80	54	114	85	11	308	67	—	—
July	32·1	19·6	38·6	13·8	45·6	10·6	79	51	86	88	8	331	77	—	—
August	30·5	18·6	37·3	11·6	43·3	6·1	83	55	102	169	10	292	70	—	—
September	25·8	12·9	34·8	3·4	40·0	−1·1	82	51	66	81	8	266	70	—	—
October	19·7	6·6	29·8	−2·3	35·6	−6·7	79	49	43	47	6	235	68	—	—
November	9·4	−1·8	21·8	−11·7	26·7	−19·4	78	58	33	57	5	172	54	—	—
December	2·9	−7·2	14·4	−17·9	22·2	−24·4	81	66	20	53	5	152	49	—	—
Year	16·6	5·0	39·6*	−24·4*	45·6	−29·4	80	57	700	169	94	2769	62	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Scottsbluff 41° 52′ N 103° 36′ W 1204 m Nebraska

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·3	−11·1	15·4	−23·4	20·6	−35·0	73	55	8	19	4	—	—	—	—
February	6·3	−9·3	17·7	−21·7	23·3	−33·9	72	53	10	17	5	—	—	—	—
March	9·8	−5·9	22·7	−18·3	30·6	−32·8	76	51	23	30	6	—	—	—	—
April	16·4	−0·1	28·4	−9·2	31·7	−19·4	73	43	46	53	8	—	—	—	—
May	22·1	5·9	32·6	−1·7	37·8	−7·8	81	46	69	54	11	—	—	—	—
June	27·8	11·2	36·3	4·1	40·6	−0·6	79	44	79	81	10	—	—	—	—
July	32·6	14·7	38·7	9·0	43·3	4·4	79	43	38	64	7	—	—	—	—
August	31·2	13·4	37·6	7·1	40·0	1·7	81	44	25	29	6	—	—	—	—
September	26·2	7·5	34·9	−0·6	38·3	−8·3	77	45	30	65	6	—	—	—	—
October	19·6	1·1	29·8	−7·1	32·8	−11·7	74	41	18	21	4	—	—	—	—
November	10·4	−5·9	21·8	−17·6	26·1	−26·1	73	49	13	26	4	—	—	—	—
December	5·8	−9·2	17·1	−22·1	22·8	−35·6	72	56	10	21	4	—	—	—	—
Year	17·7	1·0	39·2*	−27·8*	43·3	−35·6	76	47	369	81	75	—	—	—	—
No. of Years	30	30	30	30	30	30	11	11	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Valentine 42° 52′ N 100° 33′ W 789 m Nebraska

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·7	−14·1	13·8	−25·8	18·9	−33·9	82	63	10	40	5	194	63	—	—
February	2·3	−12·4	15·8	−23·6	22·2	−35·6	83	63	15	27	6	203	66	—	—
March	6·5	−7·3	22·4	−19·7	30·6	−32·8	83	60	25	58	7	232	62	—	—
April	15·1	0·2	27·9	−8·0	32·2	−22·2	79	51	51	66	8	251	62	—	—
May	21·6	6·3	32·3	−1·4	38·9	−6·7	79	47	69	95	11	299	65	—	—
June	27·3	12·1	36·4	5·3	41·7	1·7	78	48	79	62	12	327	70	—	—
July	32·6	15·7	39·4	9·8	43·3	5·0	75	41	58	88	8	363	79	—	—
August	31·0	14·4	38·4	7·8	42·2	1·1	76	42	58	86	8	323	76	—	—
September	25·4	7·7	35·6	−0·2	41·1	−5·0	77	42	33	44	6	284	73	—	—
October	18·6	0·6	30·2	−6·9	35·0	−12·8	76	43	23	45	4	253	69	—	—
November	8·8	−7·1	22·2	−17·2	30·0	−30·0	79	54	13	40	4	192	60	—	—
December	3·5	−11·2	16·0	−22·4	24·4	−30·0	81	61	8	16	4	187	61	—	—
Year	16·1	0·4	40·3*	−29·1*	43·3	−35·6	79	51	442	95	83	3108	67	—	—
No. of Years	30	30	30	30	30	30	22	22	30	30	30	10	30	—	—

Austin 39° 30′ N 117° 05′ W 1994 m Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−7·9	12·5	−17·7	18·3	−25·6	—	—	30	22	8	—	—	—	—
February	5·6	−6·9	13·4	−16·3	19·4	−27·8	—	—	30	25	8	—	—	—	—
March	8·8	−4·6	17·2	−13·2	21·7	−19·4	—	—	38	47	8	—	—	—	—
April	14·1	−0·8	22·7	−8·8	26·7	−16·1	—	—	39	38	7	—	—	—	—
May	18·8	2·9	27·4	−5·1	31·1	−11·1	—	—	33	40	6	—	—	—	—
June	24·2	6·8	32·1	−0·6	36·1	−3·9	—	—	21	23	4	—	—	—	—
July	30·6	11·9	35·4	6·2	40·6	3·3	—	—	14	41	3	—	—	—	—
August	29·7	11·1	34·4	4·3	37·2	−1·1	—	—	10	18	3	—	—	—	—
September	24·8	7·3	31·6	−1·6	36·1	−6·7	—	—	11	24	2	—	—	—	—
October	17·6	2·0	25·6	−6·8	30·0	−16·7	—	—	27	52	5	—	—	—	—
November	9·9	−3·6	18·5	−13·4	23·3	−21·7	—	—	23	22	5	—	—	—	—
December	6·0	−6·1	14·2	−16·0	20·0	−28·9	—	—	29	24	7	—	—	—	—
Year	16·2	1·0	35·7*	−20·0*	40·6	−28·9	—	—	305	52	66	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Caliente 37° 37′ N 114° 31′ W 1343 m Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·5	−8·3	14·9	−17·3	21·7	−35·0	—	—	19	35	5	—	—	—	—
February	10·9	−5·6	18·6	−13·7	23·3	−27·2	—	—	20	16	5	—	—	—	—
March	15·8	−2·8	23·3	−9·1	27·8	−16·7	—	—	22	27	5	—	—	—	—
April	21·3	1·3	28·3	−4·9	31·7	−9·4	—	—	18	29	5	—	—	—	—
May	26·1	5·4	33·0	−0·6	36·7	−3·9	—	—	14	38	4	—	—	—	—
June	31·6	9·4	38·2	3·3	42·8	0·6	—	—	9	25	2	—	—	—	—
July	35·4	13·4	39·9	7·4	41·7	4·4	—	—	20	25	5	—	—	—	—
August	34·2	12·8	39·0	6·9	42·8	3·3	—	—	22	43	4	—	—	—	—
September	30·3	7·7	36·0	0·2	41·1	−3·9	—	—	13	25	2	—	—	—	—
October	23·0	1·5	29·7	−4·7	33·9	−12·2	—	—	23	54	4	—	—	—	—
November	15·3	−4·6	23·0	−10·6	26·1	−17·8	—	—	18	46	3	—	—	—	—
December	9·3	−7·1	16·3	−15·6	20·6	−27·2	—	—	23	54	5	—	—	—	—
Year	21·7	1·9	40·4*	−20·6*	42·8	−35·0	—	—	221	54	49	—	—	—	—
No. of Years	29	29	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Elko 40° 50′ N 115° 47′ W 1539 m — Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·7	−12·2	9·0	−25·1	14·4	−41·7	80	73	30	32	9	—	—	—	—
February	4·7	−9·1	12·4	−20·4	19·4	−38·3	80	65	23	23	9	—	—	—	—
March	9·4	−5·4	18·7	−14·4	22·8	−22·8	78	54	20	17	8	—	—	—	—
April	15·6	−1·9	24·3	−8·8	27·8	−18·9	74	40	20	28	7	—	—	—	—
May	20·7	1·6	29·5	−5·2	33·3	−9·4	75	39	25	23	7	—	—	—	—
June	26·0	5·1	34·1	−1·6	38·3	−5·0	67	30	18	24	5	—	—	—	—
July	32·7	9·1	37·4	2·4	40·0	−4·4	55	24	10	26	3	—	—	—	—
August	31·6	7·2	36·2	0·8	39·4	−4·4	53	24	8	26	3	—	—	—	—
September	26·4	2·3	33·3	−5·0	37·2	−12·8	57	29	8	30	3	—	—	—	—
October	18·8	−2·2	27·0	−9·4	30·0	−13·3	66	38	18	33	5	—	—	—	—
November	9·6	−7·2	18·2	−16·6	23·3	−24·4	75	56	23	32	6	—	—	—	—
December	3·9	−10·2	11·8	−21·7	17·8	−38·9	80	72	25	41	8	—	—	—	—
Year	16·8	−1·9	37·6*	−27·7*	40·0	−41·7	70	45	228	41	73	—	—	—	—
No. of Years	30	30	30	30	30	30	12	12	30	30	30	—	—	—	—

Ely 39° 17′ N 114° 51′ W 1906 m — Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·7	−12·9	11·7	−24·6	20·0	−32·8	79	65	20	21	7	177	61	—	—
February	4·3	−10·4	12·2	−22·0	18·3	−31·7	80	61	18	26	7	208	64	—	—
March	8·4	−6·8	16·7	−16·9	20·6	−25·0	76	52	23	20	8	263	69	—	—
April	14·2	−2·5	22·2	−10·3	25·6	−14·4	72	43	23	26	7	279	65	—	—
May	19·3	1·0	26·7	−6·2	30·6	−13·9	64	36	23	35	7	318	67	—	—
June	25·1	4·4	31·8	−2·7	37·2	−7·2	58	28	13	28	4	377	79	—	—
July	30·4	8·9	34·4	2·8	36·1	−1·1	49	25	18	30	5	354	80	—	—
August	29·5	8·4	33·2	1·0	35·0	−4·4	54	25	13	18	4	348	81	—	—
September	24·9	3·4	30·8	−4·7	33·9	−8·9	55	27	15	24	4	295	82	—	—
October	17·3	−1·8	25·1	−10·2	28·3	−22·8	68	40	18	23	5	273	74	—	—
November	9·5	−7·7	18·7	−18·1	21·7	−23·3	74	51	15	30	5	218	68	—	—
December	4·9	−10·7	14·4	−21·3	19·4	−30·0	77	58	18	19	6	199	64	—	—
Year	15·9	−2·2	34·7*	−26·7*	37·2	−32·8	67	43	217	35	69	3309	71	—	—
No. of Years	30	30	30	30	30	30	17	17	30	23	23	10	22	—	—

Las Vegas 36° 05′ N 115° 10′ W 659 m — Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·3	0·0	20·8	−6·0	26·1	−12·2	60	40	13	18	3	239	75	—	—
February	15·2	2·3	23·9	−4·4	28·3	−8·3	54	33	10	26	3	251	77	—	—
March	19·8	5·6	28·8	−1·3	34·4	−7·2	44	25	8	20	2	314	79	—	—
April	25·3	10·8	34·3	2·9	37·8	−0·6	38	20	5	22	2	336	81	—	—
May	31·1	15·3	39·1	7·5	42·8	1·7	29	16	3	10	1	386	86	—	—
June	36·2	20·3	43·8	12·1	46·7	8·9	24	13	0	10	< 1	411	92	—	—
July	39·7	24·3	45·2	16·9	47·8	13·3	31	18	13	33	3	383	86	—	—
August	38·3	23·0	43·9	15·6	46·7	12·2	35	21	13	65	2	364	87	—	—
September	34·6	18·7	41·5	10·8	45·0	6·1	31	18	8	28	1	345	91	—	—
October	26·7	11·7	34·8	3·4	37·8	−2·8	41	24	5	27	2	301	85	—	—
November	18·3	4·4	26·7	−3·2	31·7	−9·4	50	30	8	24	2	258	82	—	—
December	13·4	1·1	21·6	−5·4	25·6	−10·0	56	38	10	25	3	250	75	—	—
Year	25·9	11·5	45·6*	−7·4*	47·8	−12·2	41	25	96	65	24	3838	83	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	10	20	—	—

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*Average of highest/lowest each year

UNITED STATES

Lovelock 40° 11′ N 118° 28′ W 1212 m Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·9	−7·9	13·8	−16·8	19·4	−32·2	—	—	21	41	5	—	—	—	—
February	9·2	−5·3	16·7	−13·7	22·2	−30·0	—	—	17	24	5	—	—	—	—
March	14·2	−2·4	22·3	−9·7	27·2	−14·4	—	—	13	19	4	—	—	—	—
April	19·3	1·4	27·5	−6·1	32·8	−12·8	—	—	14	25	3	—	—	—	—
May	23·9	5·9	32·9	−0·9	36·7	−5·6	—	—	12	16	3	—	—	—	—
June	28·6	9·6	36·8	3·0	41·7	−1·1	—	—	15	29	3	—	—	—	—
July	34·8	13·1	39·6	7·6	43·3	3·3	—	—	4	10	1	—	—	—	—
August	33·7	11·4	38·4	5·7	41·1	−0·6	—	—	4	19	1	—	—	—	—
September	29·1	7·2	35·8	0·3	41·7	−6·1	—	—	6	22	1	—	—	—	—
October	21·6	1·8	29·4	−5·3	33·9	−11·1	—	—	14	29	3	—	—	—	—
November	13·1	−4·1	20·7	−11·6	24·4	−20·0	—	—	10	33	3	—	—	—	—
December	8·0	−6·6	15·5	−14·9	19·4	−27·8	—	—	15	21	4	—	—	—	—
Year	20·1	2·0	39·9*	−19·3*	43·3	−32·2	—	—	145	41	36	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	29	29	—	—	—	—

Mina 38° 23′ N 118° 06′ W 1387 m Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·8	−7·8	14·7	−15·6	18·9	−28·9	—	—	8	20	1	—	—	—	—
February	10·4	−5·4	17·6	−12·6	22·2	−28·9	—	—	7	23	1	—	—	—	—
March	15·1	−2·5	22·4	−9·2	26·7	−15·0	—	—	7	21	1	—	—	—	—
April	19·9	1·7	27·9	−5·6	35·6	−10·6	—	—	10	24	2	—	—	—	—
May	24·8	6·5	32·1	−0·1	35·6	−4·4	—	—	11	21	2	—	—	—	—
June	30·9	11·3	37·2	4·2	40·0	0·0	—	—	7	22	1	—	—	—	—
July	35·7	15·4	39·9	10·2	43·3	0·6	—	—	7	24	1	—	—	—	—
August	34·4	14·1	38·6	8·1	40·6	3·9	—	—	7	23	1	—	—	—	—
September	29·9	8·4	35·6	1·6	40·0	−7·8	—	—	4	28	1	—	—	—	—
October	22·6	2·3	29·7	−4·5	32·2	−12·2	—	—	10	31	1	—	—	—	—
November	13·9	−3·6	20·9	−10·4	28·3	−17·8	—	—	6	19	1	—	—	—	—
December	8·9	−6·7	15·9	−14·0	20·6	−26·7	—	—	8	22	2	—	—	—	—
Year	21·1	2·8	40·1*	−17·6*	43·3	−28·9	—	—	92	31	15	—	—	—	—
No. of Years	24	24	30	30	30	30	—	—	30	30	30	—	—	—	—

Reno 39° 30′ N 119° 47′ W 1342 m Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						per cent		millimetres			hours		hours	
January	7·0	−8·8	15·0	−15·3	20·0	−26·7	80	65	30	60	8	186	62	—	—
February	9·9	−5·9	17·0	−12·7	21·1	−22·8	79	59	25	35	6	224	65	—	—
March	14·1	−3·6	21·2	−9·8	25·6	−18·9	75	45	18	33	5	277	72	—	—
April	18·6	−0·8	25·9	−6·1	30·6	−10·6	71	35	13	40	4	322	77	—	—
May	21·9	2·4	30·6	−2·1	34·4	−7·2	72	33	13	22	4	367	79	—	—
June	26·8	4·3	34·9	1·1	37·8	−3·9	71	30	10	17	3	388	84	—	—
July	32·9	7·7	37·3	5·3	41·1	0·6	70	25	8	20	2	411	91	—	—
August	31·3	5·9	36·6	4·2	39·4	−1·1	69	24	5	24	2	401	92	—	—
September	27·3	2·4	34·1	−0·5	38·3	−6·1	72	30	5	20	2	337	91	—	—
October	20·6	−1·4	28·7	−5·8	31·7	−10·6	76	40	13	41	3	295	79	—	—
November	13·2	−6·2	21·2	−10·1	25·0	−17·2	79	52	15	25	4	230	71	—	—
December	8·5	−8·7	16·3	−13·8	20·6	−21·7	81	62	28	51	6	199	58	—	—
Year	19·3	−1·1	37·9*	−17·8*	41·1	−26·7	75	42	183	60	49	3637	77	—	—
No. of Years	30	30	30	30	30	30	27	27	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Winnemucca 40° 54′ N 117° 48′ W 1434 m Nevada

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·3	−9·6	12·3	−19·3	17·8	−37·8	83	68	28	16	10	126	50	—	—
February	7·1	−6·8	15·1	−15·8	20·6	−32·2	82	60	23	37	9	164	51	—	—
March	11·7	−5·0	20·6	−11·8	25·0	−19·4	77	47	20	22	8	202	56	—	—
April	17·3	−1·9	25·9	−7·7	31·1	−12·8	70	38	20	22	7	261	64	—	—
May	22·1	2·0	31·3	−3·1	35·6	−11·1	67	33	23	30	7	304	69	—	—
June	26·8	5·9	35·6	0·8	40·0	−5·0	61	30	20	38	5	351	76	—	—
July	33·3	9·9	38·4	5·7	42·2	−1·7	46	21	8	23	2	377	86	—	—
August	32·1	7·4	37·4	2·9	41·1	−2·2	44	20	3	19	2	373	88	—	—
September	26·9	2·7	34·8	−3·1	39·4	−11·1	53	26	8	17	3	303	84	—	—
October	19·6	−2·1	28·5	−8·1	32·2	−12·8	67	38	20	40	5	253	71	—	—
November	11·3	−7·1	19·8	−13·6	23·9	−22·2	77	53	20	40	6	182	60	—	—
December	6·3	−8·8	14·6	−17·5	21·1	−31·1	83	66	23	51	8	149	49	—	—
Year	18·2	−1·1	38·8*	−22·8*	42·2	−37·8	67	42	216	51	72	3045	67	—	—
No. of Years	30	30	30	30	30	30	27	27	30	30	30	10	30	—	—

Concord 43° 12′ N 71° 31′ W 103 m New Hampshire

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·2	−11·9	10·7	−24·0	20·0	−34·4	79	62	81	48	11	137	47	—	—
February	0·8	−11·2	10·8	−23·2	18·9	−38·3	79	59	63	53	10	159	52	—	—
March	5·4	−5·7	17·0	−16·2	29·4	−26·7	76	55	84	57	11	191	52	—	—
April	13·3	−0·2	25·4	−6·7	33·3	−12·8	74	51	84	53	12	197	49	—	—
May	20·7	5·3	30·8	−1·9	33·9	−6·1	74	50	81	63	12	246	52	—	—
June	25·4	10·7	34·0	3·7	36·7	0·6	79	52	91	114	11	267	58	—	—
July	28·2	13·6	34·2	7·0	37·2	3·3	81	52	86	65	10	299	61	—	—
August	27·0	12·3	34·1	5·4	37·8	0·6	85	53	76	90	9	264	60	—	—
September	22·4	7·9	31·4	−0·7	36·7	−6·7	88	54	94	152	9	210	55	—	—
October	16·5	2·0	26·9	−6·1	31·7	−8·9	86	54	69	59	9	189	52	—	—
November	8·8	−2·7	20·2	−12·1	26·7	−18·9	84	60	94	100	11	128	42	—	—
December	1·7	−9·6	12·1	−20·9	18·3	−30·0	80	60	84	67	11	134	45	—	—
Year	14·2	0·9	35·4*	−27·0*	37·8	−38·3	80	55	987	152	126	2421	52	—	—
No. of Years	30	30	30	30	30	30	26	26	30	30	30	10	26	—	—

Mount Washington 44° 16′ N 71° 18′ W 1900 m New Hampshire

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−9·6	−19·0	1·6	−34·1	6·7	−42·2	83	84	137	86	18	99	32	—	—
February	−10·1	−19·3	1·4	−32·1	5·6	−43·3	84	84	132	108	17	99	33	—	—
March	−7·2	−15·2	3·2	−27·6	8·9	−38·9	86	87	145	97	19	133	34	—	—
April	−1·3	−8·7	7·6	−19·2	15·6	−28·9	86	86	150	96	18	155	35	—	—
May	5·2	−1·8	13·7	−11·7	17·2	−18·3	86	84	147	86	17	181	38	—	—
June	10·6	3·7	17·9	−4·7	20·6	−16·7	91	86	165	97	16	162	33	—	—
July	12·7	6·3	18·6	0·1	21·7	−2·2	91	87	170	80	17	161	33	—	—
August	11·8	5·6	18·0	−1·7	21·7	−4·4	91	88	170	114	15	155	35	—	—
September	8·2	1·8	16·1	−7·9	19·4	−11·7	87	87	178	120	15	139	36	—	—
October	2·8	−4·0	11·7	−14·3	15·0	−20·6	84	84	157	169	14	147	43	—	—
November	−2·9	−10·1	7·3	−21·6	10·6	−28·9	88	88	168	86	18	85	29	—	—
December	−8·6	−17·2	2·4	−31·2	7·2	−42·8	83	86	160	83	20	89	29	—	—
Year	1·0	−6·5	19·8*	−36·4*	21·7	−43·3	87	86	1879	169	204	1604	34	—	—
No. of Years	30	30	27	27	27	27	12	12	30	27	27	10	13	—	—

*Average of highest/lowest each year

UNITED STATES

Atlantic City 39° 27′ N 74° 35′ W 18 m — New Jersey

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	−3·0	14·1	−10·2	19·4	−17·2	77	66	91	70	11	157	50	—	—
February	6·3	−3·3	14·1	−10·6	21·1	−22·8	73	62	79	63	10	171	57	—	—
March	9·8	0·2	18·6	−6·2	25·6	−12·8	75	66	99	65	13	215	56	—	—
April	15·7	5·4	24·5	−0·1	32·2	−3·9	76	66	86	102	11	226	59	—	—
May	21·7	10·8	28·9	6·1	33·9	2·2	79	71	89	105	11	257	61	—	—
June	26·2	15·9	32·9	11·0	37·2	7·2	80	72	71	107	9	301	64	—	—
July	28·8	19·1	33·1	15·7	37·2	12·2	82	73	94	164	9	312	66	—	—
August	27·9	18·4	32·6	14·2	36·1	11·1	83	71	124	207	9	269	63	—	—
September	24·4	14·7	30·4	8·5	34·4	3·9	83	69	84	232	8	250	63	—	—
October	19·2	8·8	26·4	2·5	32·8	−1·7	82	66	81	124	8	223	63	—	—
November	13·1	3·3	20·6	−3·7	26·7	−8·3	79	64	94	124	9	182	59	—	—
December	7·3	−2·2	15·8	−10·2	20·0	−17·2	76	64	81	70	10	156	52	—	—
Year	17·2	7·3	34·6*	−12·9*	37·2	−22·8	79	67	1073	232	118	2719	59	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	10	30	—	—

Albuquerque 35° 03′ N 106° 37′ W 1618 m — New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·0	−4·7	15·4	−12·7	19·4	−18·3	70	49	10	22	4	220	71	—	—
February	11·2	−2·5	18·7	−10·3	22·2	−21·1	65	42	10	11	4	225	70	—	—
March	14·9	0·4	23·3	−7·2	27·2	−13·3	57	33	13	18	4	279	73	—	—
April	20·6	5·7	28·0	−2·2	31·1	−7·8	51	27	13	29	4	304	76	—	—
May	25·7	11·1	32·4	3·4	36·7	−1·1	51	26	18	31	4	340	79	—	—
June	31·4	16·2	36·6	9·3	38·3	6·1	45	23	15	58	4	365	84	—	—
July	32·9	18·8	37·2	14·4	40·0	12·2	61	33	30	29	9	329	77	—	—
August	31·1	17·9	35·7	13·9	38·3	11·7	67	38	33	33	9	319	76	—	—
September	27·9	14·2	33·7	8·1	36·7	1·7	59	35	23	49	6	314	80	—	—
October	21·5	7·4	28·1	0·3	30·6	−5·6	62	37	18	33	5	281	80	—	—
November	13·4	−0·5	21·7	−7·6	24·4	−15·0	62	40	10	29	3	253	79	—	—
December	9·1	−3·6	16·2	−10·4	22·2	−16·1	69	49	13	21	4	231	72	—	—
Year	20·6	6·7	37·5*	−14·7*	40·0	−21·1	60	36	206	58	60	3460	76	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

Aztec 36° 50′ N 108° 00′ W 1719 m — New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	−9·4	13·6	−18·9	18·9	−30·0	—	—	19	20	6	—	—	—	—
February	9·3	−6·7	16·6	−16·2	25·6	−32·8	—	—	19	22	6	—	—	—	—
March	14·2	−3·9	21·9	−11·5	26·7	−17·2	—	—	20	30	6	—	—	—	—
April	20·1	0·2	26·7	−7·4	31·7	−12·2	—	—	15	34	5	—	—	—	—
May	24·8	4·7	31·0	−2·2	35·0	−6·1	—	—	17	23	4	—	—	—	—
June	30·0	9·1	34·9	2·2	39·4	−0·6	—	—	11	23	3	—	—	—	—
July	32·4	13·9	36·1	8·6	40·0	6·1	—	—	24	35	5	—	—	—	—
August	31·1	13·3	34·8	8·0	40·6	5·0	—	—	33	39	7	—	—	—	—
September	27·8	8·6	32·6	2·3	35·6	−1·7	—	—	28	28	5	—	—	—	—
October	21·3	2·6	27·5	−4·9	30·6	−10·6	—	—	27	35	5	—	—	—	—
November	13·0	−5·1	20·9	−12·7	26·7	−21·7	—	—	12	14	4	—	—	—	—
December	7·3	−8·3	14·9	−16·8	19·4	−26·7	—	—	22	21	5	—	—	—	—
Year	19·8	1·6	36·5*	−21·4*	40·6	−32·8	—	—	247	39	61	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

Carlsbad Caverns 32° 11′ N 104° 27′ W 1352 m New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·1	2·4	22·2	−9·1	27·2	−17·8	—	—	14	27	3	—	—	—	—
February	16·7	3·5	24·2	−8·1	28·9	−23·3	—	—	10	25	3	—	—	—	—
March	20·1	5·7	27·1	−5·6	32·2	−12·2	—	—	11	29	3	—	—	—	—
April	24·3	9·8	31·3	−0·6	35·6	−6·1	—	—	19	116	3	—	—	—	—
May	29·2	14·5	35·1	5·9	39·4	−0·6	—	—	38	76	5	—	—	—	—
June	33·8	19·2	38·4	11·9	42·2	8·9	—	—	39	62	6	—	—	—	—
July	33·2	19·7	37·4	14·6	41·1	10·0	—	—	53	78	7	—	—	—	—
August	32·8	19·8	37·0	14·4	40·6	10·0	—	—	49	69	7	—	—	—	—
September	30·1	17·0	34·8	9·4	37·8	0·6	—	—	66	98	6	—	—	—	—
October	24·2	12·2	30·5	3·6	33·3	−0·6	—	—	43	90	5	—	—	—	—
November	18·9	5·7	26·7	−4·4	31·1	−8·9	—	—	9	27	3	—	—	—	—
December	15·7	2·9	23·1	−6·5	27·2	−16·1	—	—	15	19	4	—	—	—	—
Year	24·5	11·0	39·0*	−12·3*	42·2	−23·3	—	—	366	116	55	—	—	—	—
No. of Years	13	13	30	30	30	30	—	—	30	30	30	—	—	—	—

Carrizoza 33° 39′ N 105° 53′ W 1658 m New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·6	−5·4	18·0	−13·7	22·8	−20·0	—	—	19	33	5	—	—	—	—
February	13·6	−4·1	20·2	−12·1	24·4	−20·6	—	—	18	28	4	—	—	—	—
March	16·4	−0·8	23·9	−8·2	30·0	−12·2	—	—	18	27	5	—	—	—	—
April	21·9	3·8	27·8	−4·2	31·7	−9·4	—	—	18	29	4	—	—	—	—
May	26·8	8·1	32·6	0·6	36·7	−4·4	—	—	18	41	4	—	—	—	—
June	32·6	13·6	36·7	6·7	39·4	2·2	—	—	29	28	6	—	—	—	—
July	32·9	15·9	37·4	11·8	40·0	8·9	—	—	57	57	11	—	—	—	—
August	32·0	15·3	35·7	11·3	38·3	7·8	—	—	51	58	10	—	—	—	—
September	29·3	11·3	34·2	5·2	37·8	1·7	—	—	52	89	7	—	—	—	—
October	23·4	5·5	28·9	−2·6	31·1	−7·2	—	—	25	47	5	—	—	—	—
November	15·5	−2·6	22·3	−10·5	26·1	−16·7	—	—	14	23	3	—	—	—	—
December	11·4	−5·6	18·3	−12·9	22·2	−19·4	—	—	17	20	3	—	—	—	—
Year	22·2	4·6	37·7*	−15·9*	40·0	−20·6	—	—	336	89	67	—	—	—	—
No. of Years	19	19	28	28	28	28	—	—	28	28	28	—	—	—	—

Clayton 36° 27′ N 103° 09′ W 1515 m New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·9	−6·6	19·7	−17·1	25·6	−29·4	64	44	8	36	3	—	—	—	—
February	9·4	−5·1	21·3	−14·7	27·2	−27·2	67	44	10	18	3	—	—	—	—
March	12·8	−2·9	24·4	−12·3	29·4	−23·9	66	41	15	27	4	—	—	—	—
April	18·1	2·6	28·2	−6·4	32·2	−13·3	66	37	30	49	5	—	—	—	—
May	22·9	8·0	31·4	0·6	35·0	−4·4	73	42	69	119	8	—	—	—	—
June	28·9	13·4	35·9	7·4	39·4	2·2	72	38	38	57	7	—	—	—	—
July	31·3	15·9	36·3	11·5	40·6	4·4	76	41	58	66	9	—	—	—	—
August	30·3	15·6	35·6	11·1	38·9	7·8	79	42	53	69	8	—	—	—	—
September	26·4	11·4	33·3	3·9	37·2	−1·7	71	40	41	95	5	—	—	—	—
October	20·7	5·2	29·6	−2·9	32·2	−6·1	67	39	25	48	4	—	—	—	—
November	13·0	−2·3	24·0	−12·1	26·7	−18·3	63	37	8	28	2	—	—	—	—
December	9·6	−5·2	21·0	−13·4	28·3	−20·0	64	42	8	19	2	—	—	—	—
Year	19·3	4·2	37·3*	−19·6*	40·6	−29·4	69	41	363	119	60	—	—	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Clovis 34° 24′ N 103° 12′ W 1299 m New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·5	−4·7	19·8	−13·8	25·0	−20·0	—	—	14	41	3	—	—	—	—
February	13·2	−2·9	23·1	−12·2	27·2	−27·2	—	—	10	18	3	—	—	—	—
March	16·9	−0·1	26·5	−9·1	32·2	−20·0	—	—	12	37	2	—	—	—	—
April	22·3	5·2	30·7	−3·1	37·2	−10·0	—	—	23	45	3	—	—	—	—
May	27·0	10·4	34·7	3·0	38·3	−2·8	—	—	64	88	6	—	—	—	—
June	32·7	15·6	38·4	9·8	41·1	5·0	—	—	58	71	5	—	—	—	—
July	34·1	17·6	38·6	13·7	42·2	10·6	—	—	70	88	7	—	—	—	—
August	33·4	17·1	38·1	12·9	43·3	8·9	—	—	67	111	7	—	—	—	—
September	29·5	12·7	36·1	5·7	40·6	−0·6	—	—	53	134	4	—	—	—	—
October	23·4	6·8	31·3	−0·6	36·7	−4·4	—	—	48	93	4	—	—	—	—
November	15·9	−0·5	25·7	−9·2	29·4	−17·8	—	—	12	37	2	—	—	—	—
December	11·7	−3·4	20·8	−10·9	25·6	−20·0	—	—	15	48	2	—	—	—	—
Year	22·5	6·2	39·6*	−16·7*	43·3	−27·2	—	—	446	134	48	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Deming 32° 16′ N 107° 45′ W 1320 m New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·9	−3·3	20·4	−11·0	26·1	−20·0	—	—	11	22	3	—	—	—	—
February	16·2	−1·5	23·0	−8·5	30·0	−13·9	—	—	15	19	3	—	—	—	—
March	19·8	1·3	26·6	−6·2	31·1	−9·4	—	—	8	16	2	—	—	—	—
April	24·8	5·3	31·4	−1·7	36·7	−6·7	—	—	7	32	1	—	—	—	—
May	29·5	9·4	35·8	2·6	40·6	−2·2	—	—	7	21	1	—	—	—	—
June	35·1	15·2	39·7	8·7	42·2	5·0	—	—	13	41	2	—	—	—	—
July	35·1	18·6	39·7	14·7	43·3	10·6	—	—	41	56	7	—	—	—	—
August	33·8	17·9	38·2	14·6	41·1	11·1	—	—	43	51	7	—	—	—	—
September	31·2	13·7	36·1	7·6	39·4	3·9	—	—	37	50	4	—	—	—	—
October	25·5	7·8	31·4	0·7	35·0	−2·8	—	—	21	41	3	—	—	—	—
November	18·2	0·2	25·7	−7·2	28·9	−13·3	—	—	7	16	2	—	—	—	—
December	14·2	−2·8	21·0	−9·4	25·0	−18·3	—	—	14	20	3	—	—	—	—
Year	24·7	6·8	40·4*	−12·9*	43·3	−20·0	—	—	224	56	38	—	—	—	—
No. of Years	29	29	30	30	30	30	—	—	30	30	30	—	—	—	—

Raton 36° 45′ N 104° 30′ W 1944 m New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·4	−10·8	16·8	−21·9	23·3	−30·0	69	44	10	25	3	—	—	—	—
February	9·4	−8·6	19·0	−19·6	26·7	−32·2	69	43	10	36	3	—	—	—	—
March	12·6	−5·9	22·5	−16·0	28·9	−26·7	68	38	13	42	4	—	—	—	—
April	17·4	−0·9	26·3	−10·6	32·2	−18·9	71	35	28	43	6	—	—	—	—
May	21·9	4·1	30·1	−3·2	34·4	−12·8	72	35	58	44	8	—	—	—	—
June	28·1	9·0	34·0	2·8	37·2	−2·2	70	33	43	51	6	—	—	—	—
July	30·3	11·6	35·6	6·9	40·0	1·7	79	38	61	47	10	—	—	—	—
August	29·6	10·6	34·4	6·4	38·9	4·4	85	41	66	49	10	—	—	—	—
September	26·2	7·0	32·1	0·2	37·8	−5·0	79	37	43	101	7	—	—	—	—
October	20·5	0·7	28·2	−6·4	33·9	−12·2	74	37	25	61	4	—	—	—	—
November	12·8	−6·7	22·3	−16·3	27·2	−23·3	70	40	10	31	3	—	—	—	—
December	8·8	−9·7	18·3	−18·7	25·0	−27·8	71	44	8	18	2	—	—	—	—
Year	18·7	0·0	35·9*	−24·1*	40·0	−32·2	73	39	375	101	66	—	—	—	—
No. of Years	30	30	28	28	28	28	15	17	30	28	28	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Roswell 33° 24′ N 104° 32′ W 1101 m

New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						per cent		millimetres			hours		hours	
January	12·8	−6·3	22·5	−12·3	27·2	−26·1	69	45	13	26	3	—	70	—	—
February	15·8	−4·6	24·8	−10·8	28·9	−31·1	65	41	10	21	3	—	72	—	—
March	20·4	−1·1	28·2	−6·9	32·8	−19·4	57	30	13	24	3	—	77	—	—
April	26·1	3·9	32·1	−1·3	36·1	−6·7	54	28	18	60	3	—	80	—	—
May	30·4	9·6	35·9	4·7	39·4	0·0	60	31	33	63	5	—	77	—	—
June	35·3	14·8	39·4	11·4	42·2	7·2	62	31	28	67	5	—	82	—	—
July	35·2	16·5	38·9	15·3	43·3	12·8	71	38	46	50	8	—	78	—	—
August	34·1	15·4	37·9	14·8	40·6	12·2	72	40	41	86	7	—	76	—	—
September	30·6	11·3	35·9	7·6	39·4	0·6	72	41	46	61	6	—	72	—	—
October	24·9	5·1	31·8	0·2	34·4	−3·9	72	41	28	74	5	—	76	—	—
November	18·3	−2·9	26·9	−7·7	30·0	−13·9	67	38	8	30	2	—	75	—	—
December	13·8	−6·1	22·9	−10·9	28·9	−19·4	70	44	13	50	3	—	70	—	—
Year	24·8	4·6	40·0*	−15·4*	43·3	−31·1	66	37	297	86	53	—	75	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	—	21	—	—

Santa Fé 35° 40′ N 105° 55′ W 2195 m

New Mexico

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·1	−7·2	11·9	−15·9	15·6	−23·9	73	54	18	26	6	—	69	—	—
February	7·3	−5·2	14·6	−14·6	18·3	−26·1	71	50	18	18	6	—	63	—	—
March	11·1	−2·8	18·5	−11·4	23·3	−18·9	66	39	20	31	6	—	67	—	—
April	16·5	1·4	23·1	−6·7	27·2	−16·1	61	34	21	23	5	—	66	—	—
May	21·6	6·2	27·6	−0·6	31·7	−3·3	60	34	36	63	6	—	67	—	—
June	27·5	11·3	32·5	5·2	36·7	0·6	57	28	28	35	5	—	69	—	—
July	29·2	13·9	33·2	9·9	36·7	5·6	65	33	57	72	11	—	69	—	—
August	27·8	13·2	32·1	8·9	35·0	5·0	71	38	58	42	12	—	71	—	—
September	24·8	9·8	29·8	3·7	33·9	−2·2	68	41	35	40	6	—	68	—	—
October	18·6	3·9	24·6	−3·2	28·9	−8·3	69	40	27	37	5	—	77	—	—
November	10·8	−3·1	18·2	−11·9	21·1	−18·3	66	41	15	30	3	—	71	—	—
December	6·2	−6·3	13·5	−14·3	17·8	−21·1	72	54	17	24	5	—	74	—	—
Year	17·2	2·9	33·7*	−18·6*	36·7	−26·1	67	41	350	72	76	—	69	—	—
No. of Years	30	30	30	30	30	30	18	16	30	30	30	–	15	–	–

Albany 42° 45′ N 73° 48′ W 84 m

New York

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−0·6	−9·8	10·1	−21·3	21·7	−32·2	78	65	63	42	13	128	42	—	—
February	0·3	−9·6	10·1	−21·1	17·2	−30·0	77	62	56	47	11	155	51	—	—
March	5·5	−4·4	17·7	−15·3	29·4	−29·4	76	57	69	46	12	195	53	—	—
April	13·7	2·1	26·3	−4·4	33·9	−10·0	72	52	71	45	13	211	53	—	—
May	20·8	7·9	30·4	0·3	33·9	−2·8	72	51	89	61	13	248	58	—	—
June	25·9	13·2	33·9	5·9	37·8	1·7	75	54	84	88	11	285	64	—	—
July	28·7	15·8	34·9	9·7	39·4	6·7	78	52	89	105	11	305	67	—	—
August	27·4	14·7	34·3	7·8	38·3	1·7	82	53	79	104	10	265	64	—	—
September	22·7	10·2	31·6	1·5	37·8	−4·4	86	57	91	89	10	207	58	—	—
October	16·6	4·3	26·8	−4·1	32·8	−7·2	85	56	71	73	9	184	53	—	—
November	8·6	−0·8	19·3	−9·7	27·8	−23·9	80	61	69	42	11	112	38	—	—
December	1·4	−7·5	11·4	−19·9	19·4	−29·4	79	65	66	80	11	111	39	—	—
Year	14·3	3·0	35·7*	−24·9*	39·4	−32·2	78	57	897	105	135	2406	53	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Binghamton 42° 06′ N 75° 55′ W 262 m

New York

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·8	−7·4	12·2	−18·8	21·1	−28·9	82	70	63	36	16	100	32	—	—
February	1·7	−7·9	12·8	−19·6	22·8	−32·2	83	67	56	52	13	119	40	—	—
March	6·1	−3·5	18·7	−13·7	28·3	−23·3	80	61	74	50	16	162	42	—	—
April	13·8	2·7	26·8	−4·3	33·3	−10·0	78	56	74	48	15	192	44	—	—
May	20·8	8·3	30·7	−0·2	32·8	−2·2	78	54	89	73	14	241	51	—	—
June	25·8	13·4	33·5	5·6	37·8	2·2	81	57	99	51	12	295	58	—	—
July	28·3	15·7	34·4	8·6	39·4	6·1	83	55	94	108	12	301	57	—	—
August	27·2	14·7	33·6	7·1	36·7	1·1	88	56	91	84	10	267	53	—	—
September	23·0	10·8	32·1	1·3	37·8	−3·9	89	59	76	82	10	208	49	—	—
October	16·8	5·0	27·2	−2·8	31·1	−6·7	86	57	79	95	11	176	46	—	—
November	9·0	0·2	21·0	−9·1	26·7	−17·8	82	65	63	71	14	96	30	—	—
December	2·6	−5·6	13·8	−17·9	20·0	−27·2	82	69	66	53	15	81	28	—	—
Year	14·7	3·9	35·3*	−22·4*	39·4	−32·2	83	61	924	108	158	2238	44	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Buffalo 42° 56′ N 78° 44′ W 215 m

New York

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	0·4	−6·3	11·0	−16·8	22·2	−24·4	82	75	71	43	20	93	32	—	—
February	0·6	−7·3	12·2	−17·0	20·0	−28·9	82	72	69	56	17	115	42	—	—
March	4·4	−3·7	17·1	−12·6	27·2	−19·4	80	68	81	67	16	171	49	—	—
April	11·6	2·2	23·8	−4·3	30·6	−11·1	77	61	76	38	15	209	53	—	—
May	18·1	7·9	28·0	0·8	32·2	−3·3	76	59	74	43	13	267	60	—	—
June	23·8	14·0	31·9	7·2	36·1	1·7	77	59	63	56	10	321	69	—	—
July	26·5	16·9	32·3	11·1	35·6	6·1	78	55	66	58	9	337	72	—	—
August	25·9	16·2	31·8	9·8	37·2	6·1	80	57	79	93	9	291	68	—	—
September	21·8	12·2	30·4	3·8	36·7	0·0	81	59	79	57	10	229	62	—	—
October	15·9	6·8	25·9	−0·5	30·6	−4·4	80	60	76	89	11	186	53	—	—
November	8·4	1·2	20·5	−7·3	24·4	−13·9	79	68	91	53	15	92	33	—	—
December	1·9	−4·5	12·8	−15·3	21·1	−22·2	81	73	76	55	18	87	30	—	—
Year	13·3	4·6	33·7*	−19·1*	37·2	−28·9	79	64	901	93	163	2398	52	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

New York 40° 42′ N 74° 01′ W 3 m

New York

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1200							
	degrees Celsius						per cent		millimetres			hours		hours	
January	4·3	−2·8	14·1	−12·2	21·7	−18·9	69	61	89	87	11	151	52	—	—
February	4·1	−2·4	14·1	−12·5	21·7	−25·6	67	58	74	70	10	164	57	—	—
March	8·9	0·6	19·3	−7·6	28·9	−13·9	67	56	104	68	12	209	57	—	—
April	14·9	6·1	25·7	0·1	33·3	−5·0	68	55	89	71	11	214	59	—	—
May	20·9	11·8	29·6	5·4	33·3	1·1	69	56	91	76	12	250	60	—	—
June	25·6	16·9	32·9	11·0	36·1	5·6	72	58	86	90	10	301	62	—	—
July	28·3	19·9	34·1	15·5	38·9	12·8	74	57	102	124	10	307	66	—	—
August	27·4	19·3	33·1	14·2	38·3	11·1	76	60	119	149	10	275	64	—	—
September	23·8	15·8	31·1	8·8	37·2	5·0	76	60	89	127	8	237	63	—	—
October	18·4	10·3	27·4	2·8	32·2	−2·8	74	59	84	107	8	218	62	—	—
November	11·9	4·4	20·7	−4·1	27·2	−11·1	71	60	89	61	9	172	57	—	—
December	5·7	−1·2	15·3	−11·4	20·6	−21·1	67	60	84	82	10	158	54	—	—
Year	16·2	8·2	35·2*	−15·1*	38·9	−25·6	71	58	1100	149	121	2656	59	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

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*Average of highest/lowest each year

UNITED STATES

Poughkeepsie 41° 41′ N 73° 54′ W 31 m — New York

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·2	−7·4	12·3	−17·8	20·6	−27·8	—	—	73	33	9	—	—	—	—
February	3·2	−7·1	12·8	−17·3	21·1	−26·7	—	—	62	49	8	—	—	—	—
March	8·3	−2·4	20·1	−11·3	28·9	−22·2	—	—	77	39	10	—	—	—	—
April	15·8	3·5	27·8	−3·0	34·4	−9·4	—	—	93	63	11	—	—	—	—
May	22·6	9·2	31·9	1·7	36·7	−3·3	—	—	91	51	11	—	—	—	—
June	27·4	14·3	34·9	7·2	38·9	2·2	—	—	87	63	10	—	—	—	—
July	30·1	17·2	35·7	10·4	39·4	5·6	—	—	105	86	10	—	—	—	—
August	28·8	16·1	35·1	9·3	40·0	3·9	—	—	99	140	9	—	—	—	—
September	24·4	11·8	32·5	3·1	39·4	−1·7	—	—	94	89	8	—	—	—	—
October	18·6	5·9	28·2	−2·6	32·8	−7·8	—	—	77	120	8	—	—	—	—
November	11·1	0·5	21·0	−7·7	28·9	−14·4	—	—	85	85	9	—	—	—	—
December	3·9	−5·7	14·6	−16·4	20·0	−26·1	—	—	75	66	9	—	—	—	—
Year	16·4	4·7	36·7*	−21·1*	40·0	−27·8	—	—	1018	140	112	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Syracuse 43° 07′ N 76° 07′ W 127 m — New York

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0700	1300	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	−0·3	−8·6	11·8	−20·2	21·1	−31·1	80	72	79	36	19	92	30	—	—
February	−0·1	−8·5	11·9	−19·4	18·9	−31·1	80	69	79	60	17	112	39	—	—
March	4·6	−3·9	17·7	−13·9	28·9	−26·7	78	64	91	49	18	170	45	—	—
April	12·8	2·7	26·1	−4·4	32·2	−12·2	74	55	79	36	16	201	49	—	—
May	19·9	8·6	29·9	0·5	32·8	−2·2	71	53	84	58	14	253	58	—	—
June	25·4	13·8	33·6	6·4	37·8	1·1	72	54	76	57	11	299	64	—	—
July	28·0	16·7	34·3	10·6	38·9	6·7	74	51	79	67	11	326	68	—	—
August	26·9	15·5	34·1	8·5	36·7	5·6	79	53	84	83	10	277	64	—	—
September	22·4	11·3	32·1	2·8	36·1	−3·9	82	57	71	58	11	213	56	—	—
October	16·2	5·8	27·4	−2·0	30·0	−7·8	81	57	81	90	12	163	48	—	—
November	8·4	0·7	21·4	−8·7	27·2	−15·0	78	66	74	53	16	72	28	—	—
December	1·4	−6·2	13·6	−19·2	20·0	−32·2	79	71	79	62	19	76	27	—	—
Year	13·8	4·0	35·2*	−23·4*	38·9	−32·2	77	60	956	90	174	2254	48	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Asheville 35° 36′ N 82° 32′ W 671 m — North Carolina

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0630	1230	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						per cent		millimetres			hours		hours	
January	8·6	−2·4	19·6	−11·1	25·0	−18·9	83	60	107	96	11	146	47	—	—
February	9·7	−2·3	20·7	−10·4	26·7	−17·8	80	56	102	57	11	168	52	—	—
March	13·4	0·6	24·3	−7·0	29·4	−15·0	80	52	122	56	13	212	56	—	—
April	19·5	5·6	28·3	−1·8	31·1	−8·9	78	47	102	100	10	254	63	—	—
May	24·2	10·2	30·8	3·7	33·9	−6·1	82	50	94	58	11	283	65	—	—
June	27·8	14·5	33·4	9·2	36·7	5·6	85	53	89	80	12	293	67	—	—
July	28·6	16·3	33·9	12·6	37·2	4·4	89	58	150	61	15	273	60	—	—
August	28·1	15·8	33·3	12·0	36·7	7·2	93	57	124	172	12	263	60	—	—
September	25·3	12·3	31·9	5·9	36·7	−1·1	92	56	91	89	9	234	63	—	—
October	20·2	6·2	27·8	−0·5	32·2	−5·0	90	51	79	80	8	224	64	—	—
November	13·5	0·4	23·4	−7·4	28·3	−17·2	83	52	71	64	8	187	58	—	—
December	9·1	−2·6	19·7	−10·2	27·2	−17·2	82	58	91	68	10	157	49	—	—
Year	19·0	6·2	34·7*	−14·4*	37·2	−18·9	85	54	1222	172	130	2694	59	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

Cape Hatteras 35° 16′ N 75° 33′ W 2 m North Carolina

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·8	4·4	19·8	−2·3	23·3	−8·3	84	75	99	87	11	139	47	—	—
February	11·9	4·2	19·8	−2·9	22·8	−10·0	81	71	99	57	10	154	52	—	—
March	14·4	6·7	21·6	0·0	24·4	−4·4	81	70	107	83	11	200	56	—	—
April	19·1	11·2	24·6	5·5	27·8	1·7	80	70	76	58	9	266	67	—	—
May	23·8	16·2	27·7	11·3	30·6	6·7	80	71	102	189	10	287	67	—	—
June	27·6	20·3	31·2	16·2	36·1	12·2	81	73	104	364	8	295	68	—	—
July	28·8	22·3	31·7	19·1	35·0	13·3	83	74	155	181	11	304	67	—	—
August	28·6	22·0	31·5	18·8	33·9	13·9	83	74	163	141	11	278	64	—	—
September	26·6	20·2	30·8	15·9	33·3	11·1	83	72	150	318	9	228	59	—	—
October	21·8	15·2	27·4	9·2	30·6	2·2	84	72	107	316	9	215	59	—	—
November	17·1	9·7	24·3	2·4	26·7	−3·3	83	70	104	123	9	186	57	—	—
December	12·7	5·3	20·7	−1·5	23·9	−7·2	83	73	117	103	10	166	54	—	—
Year	20·3	13·1	32·8*	−4·9*	36·1	−10·0	82	72	1383	364	118	2718	60	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	9	14	—	—

Charlotte 35° 13′ N 80° 56′ W 221 m North Carolina

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·8	1·1	21·6	−7·7	26·1	−14·4	80	58	90	91	10	167	53	—	—
February	12·1	1·5	22·3	−7·0	25·6	−15·0	77	54	90	74	10	177	57	—	—
March	15·6	4·4	26·3	−3·8	32·2	−12·2	77	51	112	83	12	223	62	—	—
April	21·7	9·8	30·7	1·3	33·9	−2·8	76	47	89	103	10	274	68	—	—
May	26·3	14·8	33·5	7·3	36·7	3·3	78	48	79	72	9	292	72	—	—
June	30·9	19·2	36·6	13·5	39·4	10·0	79	49	92	96	9	320	73	—	—
July	31·6	20·8	36·7	16·6	39·4	12·8	84	55	124	167	12	301	66	—	—
August	31·0	20·8	35·9	15·6	38·9	11·7	87	56	107	86	11	291	66	—	—
September	27·7	17·7	34·8	9·9	40·0	4·4	86	55	89	105	7	247	66	—	—
October	22·7	11·5	30·3	2·8	36·7	−3·3	85	50	75	127	7	238	69	—	—
November	15·9	4·5	25·3	−3·4	28·9	−11·7	81	51	64	78	7	200	64	—	—
December	10·7	1·2	21·0	−7·4	26·1	−12·2	81	57	92	114	10	181	55	—	—
Year	21·4	10·6	37·7*	−10·3*	40·0	−15·0	81	53	1103	167	114	2911	64	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Raleigh 35° 52′ N 78° 47′ W 132 m North Carolina

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·1	−0·4	22·6	−8·6	26·1	−14·4	81	60	81	66	10	168	49	—	—
February	12·2	−0·1	22·9	−8·0	26·7	−13·9	77	55	81	69	10	172	55	—	—
March	16·2	3·2	26·8	−4·6	33·3	−11·7	77	52	84	93	11	217	59	—	—
April	22·1	8·2	31·0	0·6	33·9	−2·8	77	49	89	79	10	255	65	—	—
May	26·3	13·2	33·2	5·6	37·2	0·0	79	52	89	110	9	268	66	—	—
June	30·2	17·7	36·6	11·9	40·0	6·7	81	53	94	127	9	282	65	—	—
July	31·2	19·8	36·8	15·4	40·6	12·2	84	58	140	123	12	303	63	—	—
August	30·6	19·3	35·7	13·9	39·4	9·4	88	58	132	113	11	269	60	—	—
September	27·8	15·8	34·8	8·6	40·0	3·3	87	58	99	132	8	219	60	—	—
October	22·7	9·0	30·2	1·7	36·7	−3·9	86	54	69	103	7	205	62	—	—
November	16·8	3·2	25·8	−4·4	31·1	−10·0	82	53	71	132	8	197	60	—	—
December	11·3	−0·3	21·9	−8·6	26·1	−13·9	80	58	76	76	10	181	52	—	—
Year	21·5	9·1	37·7*	−10·7*	40·6	−14·4	82	55	1105	132	115	2736	59	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

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*Average of highest/lowest each year

UNITED STATES

Wilmington 34° 16′ N 77° 55′ W 9 m

North Carolina

Period 1931−60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·7	2·9	23·3	−4·8	26·7	−11·7	82	59	74	50	10	180	57	—	—
February	15·2	3·3	23·7	−4·9	27·2	−12·2	80	56	86	79	10	184	58	—	—
March	18·4	6·2	26·2	−1·6	31·1	−6·7	78	53	102	132	10	225	64	—	—
April	23·1	10·8	29·8	3·7	32·8	0·6	78	50	74	84	8	273	71	—	—
May	27·2	15·6	32·5	9·0	36·7	1·7	81	55	89	77	9	304	73	—	—
June	30·8	19·9	35·5	14·5	40·0	8·3	82	58	109	195	10	306	71	—	—
July	31·7	21·6	35·2	18·1	38·9	14·4	85	62	196	172	14	279	65	—	—
August	31·2	21·5	34·7	17·1	38·9	13·9	87	62	175	152	13	266	66	—	—
September	28·9	19·1	33·7	12·5	36·7	7·8	88	62	160	242	11	221	65	—	—
October	24·3	12·8	29·6	4·9	35·0	−1·1	87	56	76	120	7	219	68	—	—
November	19·3	6·6	26·3	−1·8	28·3	−8·9	84	56	79	112	7	209	66	—	—
December	15·2	2·8	23·2	−5·3	26·7	−11·1	82	58	86	143	10	184	58	—	—
Year	23·3	11·9	36·6*	−7·5*	40·0	−12·2	83	57	1306	242	119	2850	65	—	—
No. of Years	30	30	30	30	30	30	28	27	30	30	30	10	30	—	—

Winston-Salem 36° 08′ N 80° 14′ W 295 m

North Carolina

Period 1931−60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·9	−0·3	20·7	−10·4	26·1	−23·3	74	53	94	103	10	—	—	—	—
February	11·0	−0·3	21·4	−9·2	26·1	−18·3	71	50	89	67	10	—	—	—	—
March	15·1	3·0	25·9	−5·8	31·7	−11·1	70	48	102	53	11	—	—	—	—
April	20·9	8·3	30·4	−0·6	33·3	−4·4	71	44	91	69	9	—	—	—	—
May	26·3	13·4	33·3	4·9	40·0	−1·1	76	49	102	76	10	—	—	—	—
June	30·3	18·2	36·2	11·4	40·0	4·4	77	50	91	112	9	—	—	—	—
July	31·2	19·9	36·2	14·7	40·0	8·9	82	54	117	65	12	—	—	—	—
August	30·4	19·3	35·3	13·2	38·9	8·3	84	55	109	114	11	—	—	—	—
September	27·3	16·4	34·1	7·1	38·3	2·2	84	54	89	141	7	—	—	—	—
October	22·1	9·3	29·7	0·6	35·6	−3·9	83	52	79	159	7	—	—	—	—
November	15·5	3·2	25·1	−6·1	28·9	−12·2	75	49	71	69	8	—	—	—	—
December	10·2	−0·3	20·4	−10·0	26·1	−19·4	73	51	84	72	9	—	—	—	—
Year	20·9	9·2	37·3*	−13·0*	40·0	−23·3	77	51	1118	159	113	—	—	—	—
No. of Years	30	30	30	30	30	30	13	13	30	30	30	—	—	—	—

Bismarck 46° 46′ N 100° 45′ W 502 m

North Dakota

Period 1931−60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−6·9	−18·6	6·4	−31·9	15·0	−42·2	81	73	10	17	8	148	52	—	—
February	−4·8	−16·5	8·3	−30·4	20·0	−42·8	84	72	10	15	6	168	58	—	—
March	1·7	−9·1	16·5	−22·7	27·2	−35·0	85	67	20	29	8	213	55	—	—
April	12·7	−0·3	26·7	−9·4	33·3	−18·9	81	51	30	39	7	243	58	—	—
May	20·1	6·1	31·5	−2·6	38·9	−7·2	77	47	51	53	9	283	60	—	—
June	24·7	11·6	34·2	4·2	41·1	0·6	81	52	86	83	12	296	62	—	—
July	29·8	14·9	37·9	8·3	45·6	3·9	81	48	56	46	9	356	75	—	—
August	28·7	13·4	37·9	5·7	42·8	0·6	81	46	43	51	9	313	70	—	—
September	22·6	7·3	34·6	−2·3	40·6	−8·9	81	48	30	49	7	254	65	—	—
October	15·2	0·8	28·8	−8·4	35·0	−15·0	79	50	23	39	5	214	59	—	—
November	3·7	−7·1	16·9	−19·3	23·3	−28·3	83	66	15	25	6	138	46	—	—
December	−2·8	−13·8	9·9	−27·5	18·9	−37·8	83	72	10	14	7	134	47	—	—
Year	12·1	−0·9	39·3*	−34·8*	45·6	−42·8	81	58	384	83	93	2760	59	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Bottineau 48° 50′ N 100° 27′ W 500 m — North Dakota

Period 1931−60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−9·9	−21·9	2·1	−35·2	10·0	−41·7	—	—	11	10	7	—	—	—	—
February	−7·5	−20·0	3·9	−33·8	15·6	−45·0	—	—	9	15	5	—	—	—	—
March	−0·6	−12·5	11·8	−26·7	26·1	−37·2	—	—	17	34	7	—	—	—	—
April	10·1	−2·1	24·0	−13·3	32·8	−23·9	—	—	23	33	6	—	—	—	—
May	18·6	5·0	30·9	−4·6	41·1	−10·0	—	—	48	61	8	—	—	—	—
June	23·3	9·6	32·4	1·7	42·2	−3·3	—	—	92	77	12	—	—	—	—
July	27·8	13·0	36·1	5·8	43·9	0·6	—	—	63	86	10	—	—	—	—
August	26·6	11·4	35·1	4·0	40·0	−1·1	—	—	64	79	9	—	—	—	—
September	20·4	5·6	32·3	−4·0	38·9	−9·4	—	—	34	40	8	—	—	—	—
October	13·7	−1·2	26·4	−11·3	31·1	−18·3	—	—	21	34	6	—	—	—	—
November	0·9	−10·3	13·2	−23·6	19·4	−31·7	—	—	11	18	6	—	—	—	—
December	−6·3	−17·4	4·8	−31·4	17·2	−42·2	—	—	9	12	6	—	—	—	—
Year	9·8	−3·4	37·1*	−37·4*	43·9	−45·0	—	—	402	86	90	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Bowman 46° 11′ N 103° 23′ W 908 m — North Dakota

Period 1931−60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−5·9	−17·5	8·8	−30·1	15·0	−37·2	—	—	11	16	5	—	—	—	—
February	−0·8	−12·9	10·4	−28·4	18·9	−41·7	—	—	9	11	4	—	—	—	—
March	2·4	−9·7	17·2	−23·7	25·6	−31·1	—	—	19	19	6	—	—	—	—
April	12·7	−2·1	25·6	−11·6	31·7	−20·0	—	—	34	55	6	—	—	—	—
May	19·8	4·6	30·6	−3·8	37·2	−15·0	—	—	52	50	9	—	—	—	—
June	24·6	9·3	33·3	2·8	40·0	−0·6	—	—	90	66	11	—	—	—	—
July	29·5	12·6	37·6	6·7	42·2	1·7	—	—	53	53	8	—	—	—	—
August	29·2	11·8	37·1	4·7	42·2	0·6	—	—	44	33	7	—	—	—	—
September	23·2	6·2	33·9	−3·0	38·9	−12·8	—	—	29	40	6	—	—	—	—
October	15·9	0·4	27·6	−9·1	33·9	−16·1	—	—	21	46	4	—	—	—	—
November	5·6	−6·5	16·7	−19·1	23·8	−28·9	—	—	11	15	4	—	—	—	—
December	0·3	−11·3	11·1	−26·2	20·0	−34·4	—	—	7	13	4	—	—	—	—
Year	13·0	−1·3	38·5*	−32·9*	42·2	−41·7	—	—	380	66	74	—	—	—	—
No. of Years	13	13	30	30	30	30	—	—	30	30	30	—	—	—	—

Devils Lake 48° 07′ N 98° 52′ W 448 m — North Dakota

Period 1931−60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						per cent		millimetres			hours		hours	
January	−10·2	−20·2	2·8	−32·4	8·9	−38·3	89	80	13	18	9	152	54	—	—
February	−7·8	−18·2	4·4	−30·6	15·6	−43·3	89	80	10	9	7	194	61	—	—
March	−0·7	−10·9	11·4	−24·3	26·1	−35·6	89	71	20	31	8	225	59	—	—
April	10·1	−1·3	24·1	−11·6	33·9	−19·4	82	56	28	62	8	255	60	—	—
May	18·4	5·3	30·3	−3·2	41·1	−7·2	78	49	53	51	10	289	62	—	—
June	23·2	10·7	32·6	2·9	39·4	−1·1	83	54	86	63	12	296	61	—	—
July	27·8	14·1	36·1	7·6	44·4	4·4	84	51	66	47	10	348	73	—	—
August	26·6	12·6	35·6	5·3	39·4	0·0	84	49	56	177	9	297	68	—	—
September	20·3	6·8	32·2	−2·0	37·2	−6·7	84	52	43	116	8	243	61	—	—
October	12·9	0·7	26·3	−8·6	31·1	−15·6	83	56	28	47	6	214	59	—	—
November	0·9	−8·4	14·1	−20·8	20·6	−28·9	88	74	18	26	8	120	44	—	—
December	−6·2	−15·7	6·1	−28·7	17·8	−36·1	87	79	13	22	8	128	47	—	—
Year	9·6	−2·0	37·3*	−34·3*	44·4	−43·3	85	63	434	177	103	2761	59	—	—
No. of Years	30	30	30	30	30	30	22	20	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Fargo 46° 54′ N 96° 48′ W 274 m North Dakota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−8·2	−19·3	3·6	−31·4	11·7	−37·8	79	74	13	24	8	130	49	—	—
February	−6·4	−17·3	3·9	−30·1	18·9	−38·9	82	74	13	31	7	182	60	—	—
March	0·8	−9·4	12·7	−23·5	25·6	−36·7	84	71	18	27	8	215	57	—	—
April	11·5	−0·4	25·7	−9·8	32·2	−17·2	81	56	43	45	8	247	60	—	—
May	19·9	6·1	30·7	−3·3	39·4	−8·3	78	50	51	60	10	286	60	—	—
June	24·6	11·8	33·4	3·3	37·2	0·6	84	57	76	70	11	273	57	—	—
July	28·8	15·0	35·9	7·9	40·6	4·4	86	55	74	100	9	329	69	—	—
August	27·7	13·9	36·1	5·9	40·6	2·2	87	54	74	120	10	286	65	—	—
September	21·7	8·1	32·8	−1·4	38·9	−6·7	85	55	38	116	8	225	56	—	—
October	14·4	1·7	27·1	−7·6	32·2	−15·0	81	57	28	30	6	195	57	—	—
November	2·9	−7·3	15·5	−20·0	22·8	−28·3	83	70	20	41	7	114	39	—	—
December	−4·5	−15·1	5·6	−28·1	17·2	−35·0	82	76	15	19	7	129	46	—	—
Year	11·1	−1·0	37·4*	−33·3*	40·6	−38·9	83	62	463	120	99	2611	56	—	—
No. of Years	30	30	24	24	24	24	22	22	30	24	24	10	20	—	—

Williston 48° 09′ N 103° 37′ W 572 m North Dakota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−7·1	−17·9	5·7	−31·5	12·8	−40·0	81	72	13	14	8	132	51	—	—
February	−4·9	−15·7	8·2	−29·6	18·9	−45·6	82	70	13	17	6	163	59	—	—
March	1·4	−8·9	15·6	−23·3	26·1	−33·9	83	65	18	19	7	213	58	—	—
April	12·7	0·2	25·3	−9·9	32·8	−19·4	77	50	23	31	6	252	63	—	—
May	19·4	6·5	31·2	−2·3	37·2	−9·4	74	46	36	44	9	304	65	—	—
June	23·4	10·8	33·8	4·3	42·2	−1·1	79	51	84	78	12	317	65	—	—
July	28·8	14·8	37·4	8·2	43·3	2·8	78	45	48	54	9	366	78	—	—
August	27·6	13·4	36·7	6·1	42·2	1·7	77	45	38	45	8	325	73	—	—
September	21·2	7·3	33·1	−1·8	38·3	−6·1	80	49	28	38	6	243	65	—	—
October	14·3	1·2	27·3	−8·1	33·3	−18·3	78	53	18	37	5	211	61	—	—
November	3·1	−6·9	15·6	−19·2	20·6	−27·2	82	68	15	18	6	132	46	—	—
December	−2·9	−13·0	8·9	−27·6	17·2	−35·0	82	73	13	13	7	130	48	—	—
Year	11·4	−0·7	38·4*	−34·3*	43·3	−45·6	79	57	347	78	89	2688	61	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

Cambridge 40° 05′ N 81° 35′ W 259 m Ohio

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	4·3	−4·6	16·5	−16·8	23·9	−31·1	—	—	78	43	12	—	—	—	—
February	6·1	−4·1	17·8	−16·7	23·9	−28·3	—	—	62	41	10	—	—	—	—
March	11·2	−1·6	23·2	−11·4	29·4	−20·6	—	—	90	81	12	—	—	—	—
April	18·3	3·9	27·9	−4·9	31·1	−7·8	—	—	87	67	12	—	—	—	—
May	23·7	9·2	31·3	−0·1	33·9	−6·1	—	—	97	61	12	—	—	—	—
June	28·3	14·2	33·8	5·7	36·7	1·1	—	—	112	55	10	—	—	—	—
July	29·8	16·0	34·8	9·3	40·0	6·1	—	—	105	69	10	—	—	—	—
August	29·7	15·1	34·4	7·2	38·3	3·9	—	—	94	148	8	—	—	—	—
September	26·1	10·9	33·2	1·5	38·9	−2·8	—	—	74	65	7	—	—	—	—
October	20·2	5·1	28·5	−3·7	32·8	−8·9	—	—	57	115	8	—	—	—	—
November	11·8	−0·1	23·3	−10·1	27·8	−22·8	—	—	69	60	10	—	—	—	—
December	5·3	−5·0	16·7	−17·3	21·7	−27·2	—	—	63	28	10	—	—	—	—
Year	17·9	4·9	35·8*	−21·1*	40·0	−31·1	—	—	988	148	121	—	—	—	—
No. of Years	19	19	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Cincinnati 39° 09′ N 84° 31′ W 232 m Ohio

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	5·2	−3·3	17·4	−14·4	25·0	−26·7	83	69	94	109	13	108	38	—	—
February	6·3	−2·9	18·8	−13·5	24·4	−22·8	81	64	71	61	11	129	45	—	—
March	11·1	0·7	23·9	−8·0	30·0	−16·1	79	57	99	95	13	173	50	—	—
April	18·0	6·6	28·7	−1·3	31·7	−5·0	76	53	91	87	13	201	56	—	—
May	23·8	11·9	31·7	3·5	35·6	0·0	78	53	97	121	13	241	61	—	—
June	28·8	17·2	34·6	10·2	38·9	7·2	80	55	107	66	11	305	69	—	—
July	30·8	19·1	36·2	13·6	42·2	10·0	82	52	91	126	9	322	72	—	—
August	30·2	18·3	35·7	11·9	39·4	7·8	85	52	84	137	9	291	70	—	—
September	26·8	14·2	34·4	5·9	38·3	0·0	86	50	69	72	8	254	68	—	—
October	20·5	8·2	29·5	0·3	33·3	−5·0	85	51	56	49	8	213	61	—	—
November	11·8	2·2	23·8	−7·1	27·8	−16·7	81	60	74	71	10	145	46	—	—
December	5·9	−2·3	16·8	−13·0	22·8	−21·1	82	68	71	69	11	126	40	—	—
Year	18·3	7·5	37·3*	−17·4*	42·2	−26·7	81	57	1004	137	129	2508	56	—	—
No. of Years	30	30	30	30	30	30	27	25	30	30	30	10	30	—	—

Cleveland 41° 24′ N 81° 51′ W 240 m Ohio

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·5	−5·2	14·8	−16·1	22·8	−23·3	82	73	69	52	16	62	27	—	—
February	2·7	−5·6	15·2	−15·3	22·8	−23·9	82	70	58	43	15	88	35	—	—
March	7·0	−1·8	20·9	−11·0	28·3	−20·6	79	64	79	70	16	156	45	—	—
April	14·4	4·1	26·6	−3·6	31·1	−7·2	75	57	86	46	14	195	52	—	—
May	20·6	10·0	30·1	2·1	33·9	−1·7	73	56	89	85	13	265	61	—	—
June	26·3	15·4	33·6	8·2	38·3	3·3	76	57	86	73	10	286	66	—	—
July	28·3	17·9	34·6	12·1	39·4	7·8	77	55	84	69	10	298	71	—	—
August	27·6	17·1	33·8	10·7	38·9	6·7	80	56	84	78	9	267	67	—	—
September	23·8	13·4	32·4	5·2	38·3	0·0	80	55	74	85	9	221	63	—	—
October	17·7	7·7	27·8	0·1	32·2	−3·9	79	56	61	85	10	186	54	—	—
November	9·8	1·6	21·9	−7·3	27·8	−14·4	78	64	66	57	14	102	33	—	—
December	3·6	−3·3	15·3	−13·9	20·6	−22·8	80	71	58	48	15	82	27	—	—
Year	15·4	5·9	35·6*	−18·6*	39·4	−23·9	78	61	894	85	151	2208	50	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

Columbus 39° 58′ N 83° 00′ W 221 m Ohio

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	3·4	−3·8	15·4	−15·1	23·3	−26·7	82	71	81	107	12	103	35	—	—
February	4·7	−3·7	16·7	−14·3	22·2	−23·3	81	67	58	36	11	119	44	—	—
March	9·3	−0·1	22·1	−9·0	28·3	−17·2	79	60	81	81	14	171	48	—	—
April	16·4	5·7	27·4	−2·1	31·7	−6·1	77	55	89	60	13	206	54	—	—
May	22·8	11·8	31·2	3·2	34·4	−1·1	77	54	102	63	12	266	61	—	—
June	28·1	17·0	34·7	9·8	38·9	6·1	79	53	107	74	11	302	66	—	—
July	30·2	19·1	35·7	13·4	41·1	10·0	81	51	99	98	10	316	69	—	—
August	29·3	18·3	34·8	11·6	38·3	8·3	84	52	74	68	9	307	68	—	—
September	25·4	14·3	33·7	5·9	38·3	1·1	84	51	69	99	8	257	67	—	—
October	19·1	8·3	28·1	0·3	31·7	−3·9	85	53	53	51	8	219	61	—	—
November	10·4	1·8	22·6	−7·3	26·7	−16·1	81	62	63	53	11	136	42	—	—
December	4·6	−2·9	15·7	−14·1	20·6	−22·8	82	70	58	39	11	105	35	—	—
Year	17·0	7·1	36·6*	−18·1*	41·1	−26·7	81	58	934	107	130	2507	54	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Portsmouth 38° 43′ N 82° 59′ W 162 m Ohio

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	6·9	−2·8	19·1	−14·4	26·1	−25·0	—	—	94	52	12	—	—	—	—
February	8·3	−2·4	20·2	−12·9	26·1	−20·0	—	—	83	62	10	—	—	—	—
March	13·0	1·2	25·4	−7·3	31·7	−15·6	—	—	110	53	12	—	—	—	—
April	20·0	6·6	30·4	−1·5	34·4	−4·4	—	—	95	112	11	—	—	—	—
May	25·5	11·9	32·9	3·2	36·1	−3·9	—	—	105	64	11	—	—	—	—
June	29·9	16·9	35·4	9·4	39·4	6·1	—	—	98	78	10	—	—	—	—
July	31·6	18·7	36·6	12·6	41·1	9·4	—	—	123	128	9	—	—	—	—
August	30·8	18·0	36·1	11·2	39·4	7·2	—	—	94	97	9	—	—	—	—
September	27·8	14·2	35·1	5·6	39·4	−0·6	—	—	68	77	7	—	—	—	—
October	21·6	7·8	30·2	−0·9	34·4	−5·6	—	—	52	63	8	—	—	—	—
November	13·6	2·1	25·4	−7·4	29·4	−16·7	—	—	68	45	10	—	—	—	—
December	7·6	−1·9	18·3	−12·6	22·8	−19·4	—	—	73	58	9	—	—	—	—
Year	19·7	7·5	37·5*	−16·8*	41·1	−25·0	—	—	1063	128	118	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Toledo 41° 36′ N 83° 48′ W 206 m Ohio

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·2	−7·6	12·7	−17·2	21·7	−25·0	83	73	58	40	13	96	54	—	—
February	2·1	−7·3	13·3	−16·7	21·7	−25·0	81	69	48	49	11	119	40	—	—
March	7·1	−3·6	20·3	−11·7	30·6	−23·3	80	63	58	46	12	180	46	—	—
April	14·7	1·9	26·4	−4·2	31·7	−9·4	79	56	71	49	12	207	51	—	—
May	21·3	7·8	30·8	1·1	33·3	−1·7	77	54	76	68	12	277	58	—	—
June	26·8	13·5	34·0	7·6	38·3	3·3	79	55	97	87	11	308	65	—	—
July	29·5	15·6	35·5	11·3	41·1	6·7	80	53	66	56	9	335	71	—	—
August	28·3	14·9	34·4	9·7	38·3	5·0	85	55	84	67	8	303	69	—	—
September	24·2	10·7	33·2	3·7	37·8	0·0	86	55	53	83	9	254	65	—	—
October	17·7	4·6	28·3	−1·5	33·3	−6·1	85	55	61	70	9	210	57	—	—
November	8·5	−1·2	20·6	−8·9	26·7	−16·7	82	65	51	46	11	123	36	—	—
December	2·1	−6·2	13·4	−16·0	18·3	−25·0	83	72	48	41	12	107	32	—	—
Year	15·3	3·6	36·5*	−19·9*	41·1	−25·0	82	60	771	87	129	2519	52	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

Altus 34° 38′ N 99° 20′ W 424 m Oklahoma

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	12·3	−2·0	23·7	−12·2	29·4	−23·9	—	—	26	62	4	—	—	—	—
February	14·6	−0·2	26·1	−10·1	31·1	−21·1	—	—	26	37	4	—	—	—	—
March	19·2	3·1	30·3	−6·8	36·1	−17·8	—	—	33	43	5	—	—	—	—
April	24·8	9·2	33·7	−0·3	38·3	−5·6	—	—	57	58	6	—	—	—	—
May	28·9	14·4	36·8	6·7	41·7	1·1	—	—	113	108	9	—	—	—	—
June	34·3	19·8	39·8	13·3	45·0	8·9	—	—	88	91	6	—	—	—	—
July	36·6	21·6	40·9	17·2	48·9	13·3	—	—	48	51	5	—	—	—	—
August	36·7	21·1	41·6	15·8	48·9	11·7	—	—	50	79	5	—	—	—	—
September	32·0	16·9	38·2	8·9	44·4	3·3	—	—	62	90	5	—	—	—	—
October	26·1	10·9	33·9	1·3	37·8	−3·3	—	—	73	91	6	—	—	—	—
November	18·3	3·1	28·0	−5·8	32·8	−10·6	—	—	22	49	3	—	—	—	—
December	13·3	−0·6	23·6	−9·4	31·1	−17·8	—	—	30	71	4	—	—	—	—
Year	24·8	9·8	42·4*	−14·4*	48·9	−23·9	—	—	628	108	62	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Buffalo 35° 50′ N 99° 38′ W 549 m Oklahoma

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·8	−5·7	21·0	−16·8	27·8	−27·2	—	—	18	31	3	—	—	—	—
February	12·7	−3·1	24·4	−14·1	30·6	−25·0	—	—	26	52	4	—	—	—	—
March	15·9	−0·3	28·6	−9·7	36·1	−22·2	—	—	37	63	4	—	—	—	—
April	22·8	6·7	32·8	−2·9	37·2	−9·4	—	—	57	57	6	—	—	—	—
May	26·8	12·2	35·6	3·7	40·6	−1·7	—	—	13	123	8	—	—	—	—
June	32·6	18·7	39·8	10·7	43·3	6·1	—	—	86	89	7	—	—	—	—
July	34·9	20·8	41·1	14·4	45·6	7·8	—	—	67	101	5	—	—	—	—
August	35·0	20·1	41·2	13·5	46·1	8·3	—	—	57	95	5	—	—	—	—
September	31·1	14·9	38·1	5·7	42·8	1·1	—	—	53	83	5	—	—	—	—
October	25·1	8·2	34·2	−1·2	38·9	−6·7	—	—	45	86	4	—	—	—	—
November	16·6	−0·3	27·1	−9·3	31·1	−17·8	—	—	17	39	3	—	—	—	—
December	11·9	−3·7	22·2	−13·1	31·7	−22·8	—	—	20	39	3	—	—	—	—
Year	22·9	7·4	42·2*	−18·7*	46·1	−27·2	—	—	496	123	57	—	—	—	—
No. of Years	13	13	30	30	30	30	—	—	30	30	30	—	—	—	—

McAlester 34° 53′ N 95° 47′ W 232 m Oklahoma

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·5	−0·9	22·1	−12·4	26·7	−20·6	—	—	54	69	7	—	—	—	—
February	12·9	1·0	24·3	−9·1	28·3	−19·4	—	—	78	79	8	—	—	—	—
March	17·5	4·6	27·5	−5·7	32·8	−16·1	—	—	86	100	8	—	—	—	—
April	23·0	10·3	30·7	0·4	35·0	−6·1	—	—	112	110	9	—	—	—	—
May	26·8	14·8	32·7	6·7	36·1	1·1	—	—	152	181	9	—	—	—	—
June	31·6	19·7	36·3	12·6	42·2	8·3	—	—	115	99	8	—	—	—	—
July	34·9	21·8	39·6	16·6	44·4	12·2	—	—	87	146	6	—	—	—	—
August	34·6	22·1	40·0	15·3	46·7	10·0	—	—	81	100	6	—	—	—	—
September	31·4	16·9	37·4	7·6	43·3	0·6	—	—	88	157	6	—	—	—	—
October	25·1	11·1	32·3	0·7	37·2	−3·9	—	—	84	95	6	—	—	—	—
November	16·8	4·1	26·8	−5·8	29·4	−11·7	—	—	66	87	6	—	—	—	—
December	11·8	0·5	21·9	−9·4	27·2	−17·8	—	—	71	185	7	—	—	—	—
Year	23·1	10·5	41·1*	−14·1*	46·7	−20·6	—	—	1074	185	86	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Oklahoma City 35° 24′ N 97° 36′ W 390 m Oklahoma

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·7	−2·2	21·2	−12·8	27·2	−21·7	80	62	33	47	6	163	57	—	—
February	10·7	−0·4	24·1	−10·3	28·9	−20·6	79	59	36	56	7	184	59	—	—
March	15·3	3·1	28·0	−7·2	34·4	−17·2	75	53	51	72	7	228	63	—	—
April	21·4	9·5	31·6	0·1	35·6	−6·7	77	51	79	85	8	241	65	—	—
May	25·6	14·8	33·4	7·0	37·2	0·6	84	59	132	120	10	274	67	—	—
June	30·8	20·3	36·6	13·3	41·7	9·4	83	55	114	176	9	334	77	—	—
July	33·8	22·3	38·8	17·1	42·8	13·9	80	51	61	105	6	330	80	—	—
August	34·2	22·2	39·2	15·7	45·0	8·9	79	48	63	115	6	338	80	—	—
September	29·3	17·2	36·6	8·3	41·1	3·3	79	51	76	79	6	292	76	—	—
October	23·3	11·0	31·8	1·1	36·1	−5·0	80	53	63	81	6	244	68	—	—
November	14·9	3·3	25·8	−5·7	29·4	−11·1	76	52	41	58	5	213	65	—	—
December	9·6	−0·3	21·1	−9·4	30·0	−16·1	79	59	36	79	6	185	58	—	—
Year	21·4	10·1	40·1*	−15·0*	45·0	−21·7	79	54	785	176	82	3026	68	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	29	—	—

*Average of highest/lowest each year

Ponca City 36° 42′ N 97° 05′ W 311 m Oklahoma

Period 1942–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·1	−2·7	20·6	−15·7	26·7	−23·9	—	—	19	38	4	—	—	—	—
February	12·5	−1·4	23·2	−11·8	28·3	−20·6	—	—	32	42	5	—	—	—	—
March	15·8	1·4	27·9	−9·4	33·9	−18·9	—	—	55	47	6	—	—	—	—
April	22·9	8·1	31·8	−1·2	36·1	−6·1	—	—	87	54	8	—	—	—	—
May	27·8	13·9	34·5	4·9	37·8	−0·6	—	—	123	90	9	—	—	—	—
June	33·1	19·0	37·4	11·7	42·8	5·0	—	—	121	113	8	—	—	—	—
July	35·0	21·2	39·6	15·6	46·1	11·1	—	—	109	142	6	—	—	—	—
August	35·2	20·4	40·3	14·6	43·3	10·0	—	—	72	64	6	—	—	—	—
September	31·2	16·1	37·2	8·0	42·8	2·8	—	—	91	114	6	—	—	—	—
October	24·8	9·8	32·4	0·1	36·7	−3·9	—	—	61	107	5	—	—	—	—
November	16·3	2·1	25·2	−7·6	28·9	−16·1	—	—	34	41	4	—	—	—	—
December	12·1	−1·0	20·3	−12·2	26·7	−20·0	—	—	31	48	4	—	—	—	—
Year	23·1	8·9	41·1*	−17·7*	46·1	−23·9	—	—	835	142	71	—	—	—	—
No. of Years	13	13	19	19	19	19	—	—	19	19	19	—	—	—	—

Tulsa 36° 11′ N 95° 54′ W 205 m Oklahoma

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·3	−3·1	21·3	−13·7	26·1	−22·2	80	62	43	59	6	153	49	—	—
February	10·9	−1·3	24·0	−10·1	28·3	−20·6	79	57	46	44	7	161	53	—	—
March	15·6	2·3	27·4	−6·6	33·3	−19·4	77	55	61	67	8	209	54	—	—
April	21·4	8·4	30·9	0·7	35·6	−5·6	78	52	102	82	8	219	54	—	—
May	25·5	14·3	32·8	6·7	37·8	1·7	85	58	135	185	11	249	56	—	—
June	30·7	19·6	36·3	12·5	41·7	3·3	85	58	119	124	9	318	66	—	—
July	33·8	21·9	39·0	16·6	45·0	13·9	83	54	74	79	6	314	71	—	—
August	33·9	21·1	39·3	15·1	46·1	10·6	82	50	76	130	7	315	73	—	—
September	29·8	16·6	36·6	8·1	42·8	1·7	83	50	102	162	7	276	71	—	—
October	23·9	10·3	31·8	1·3	36·7	−3·3	81	51	84	138	7	236	66	—	—
November	14·8	2·5	25·9	−5·7	30·6	−11·7	77	51	58	66	6	204	64	—	—
December	9·4	−1·0	20·9	−9·7	26·7	−16·7	79	57	41	107	7	179	54	—	—
Year	21·5	9·3	40·3*	−15·7*	46·1	−22·2	81	55	941	185	89	2833	61	—	—
No. of Years	30	30	30	30	30	30	18	18	30	30	30	10	18	—	—

Astoria 46° 09′ N 123° 53′ W 2 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·1	1·9	13·3	−3·8	21·1	−11·7	88	85	297	87	20	—	—	—	—
February	9·7	2·8	14·6	−2·6	20·0	−10·6	86	82	251	112	18	—	—	—	—
March	11·1	3·4	17·7	−0·7	26·1	−3·9	89	77	226	88	18	—	—	—	—
April	14·3	5·2	22·1	1·3	28·3	−1·1	90	74	132	61	14	—	—	—	—
May	17·1	7·4	25·9	3·4	31·7	0·0	91	73	81	51	11	—	—	—	—
June	18·9	9·7	26·3	6·2	37·2	3·3	92	76	76	41	11	—	—	—	—
July	20·8	11·2	28·4	7·8	38·3	4·4	91	74	33	51	6	—	—	—	—
August	20·9	11·7	27·6	8·6	35·6	6·1	93	76	38	44	7	—	—	—	—
September	20·1	10·3	28·2	5·9	32·8	3·3	93	75	79	58	9	—	—	—	—
October	16·6	8·1	23·3	3·2	27·8	−2·2	92	81	198	88	14	—	—	—	—
November	11·7	4·7	16·1	−0·2	21·1	−8·3	90	82	284	78	18	—	—	—	—
December	9·4	3·3	13·6	−1·4	17·2	−8·3	89	85	348	110	21	—	—	—	—
Year	14·9	6·6	31·7*	−5·3*	38·3	−11·7	90	78	2043	112	167	—	—	—	—
No. of Years	30	30	30	30	30	30	8	8	30	30	30	—	—	—	—

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*Average of highest/lowest each year

UNITED STATES

Bend 44° 04′ N 121° 19′ W 1097 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·4	−6·3	13·1	−17·9	18·9	−32·2	—	—	46	37	12	—	—	—	—
February	6·9	−4·7	15·4	−15·2	20·6	−32·2	—	—	29	40	8	—	—	—	—
March	10·3	−3·2	19·7	−11·2	25·6	−21·1	—	—	20	18	8	—	—	—	—
April	15·1	−1·0	24·9	−8·4	28·9	−12·8	—	—	17	24	6	—	—	—	—
May	18·8	2·0	28·9	−5·6	32·8	−10·6	—	—	28	42	7	—	—	—	—
June	22·3	4·7	31·9	−1·8	36·7	−5·0	—	—	29	44	7	—	—	—	—
July	28·1	7·2	35·2	0·4	40·0	−2·8	—	—	11	29	3	—	—	—	—
August	27·1	6·4	33·7	0·0	36·7	−2·8	—	—	11	41	3	—	—	—	—
September	23·5	3·6	32·1	−3·7	36·7	−7·8	—	—	10	20	4	—	—	—	—
October	17·6	0·6	27·1	−7·2	31·7	−12·2	—	—	23	69	7	—	—	—	—
November	10·0	−2·8	18·9	−11·6	25·0	−25·6	—	—	36	67	8	—	—	—	—
December	5·9	−4·4	13·8	−14·1	18·9	−23·3	—	—	43	60	10	—	—	—	—
Year	15·8	0·2	35·8*	−21·3*	40·0	−32·2	—	—	303	69	83	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Burns 43° 35′ N 119° 03′ W 1265 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·8	−9·8	8·7	−20·7	14·4	−31·7	83	76	41	23	10	—	—	—	—
February	4·7	−7·3	11·3	−16·5	17·8	−27·8	82	70	33	28	9	—	—	—	—
March	9·3	−3·4	18·2	−11·2	23·9	−19·4	79	60	25	19	8	—	—	—	—
April	15·4	0·1	24·2	−5·9	30·0	−10·0	72	45	18	15	5	—	—	—	—
May	20·0	3·8	28·7	−3·2	33·9	−7·2	73	45	23	21	7	—	—	—	—
June	23·9	7·0	32·1	−0·1	36·1	−2·2	68	41	23	47	5	—	—	—	—
July	30·4	11·2	35·9	4·2	39·4	1·1	54	33	8	30	3	—	—	—	—
August	29·3	9·8	34·7	3·0	37·8	−0·6	53	34	8	18	3	—	—	—	—
September	24·8	4·9	32·9	−1·9	37·8	−4·4	59	37	13	29	3	—	—	—	—
October	17·9	0·3	25·8	−6·7	30·0	−10·6	72	50	23	21	6	—	—	—	—
November	9·1	−4·5	16·2	−12·4	21·1	−27·2	79	64	30	32	7	—	—	—	—
December	3·9	−7·2	11·4	−15·9	16·1	−22·2	85	77	36	32	9	—	—	—	—
Year	15·9	0·4	36·2*	−22·6*	39·4	−31·7	72	53	281	47	75	—	—	—	—
No. of Years	30	30	23	23	23	23	11	11	30	23	23	—	—	—	—

Eugene 44° 07′ N 123° 13′ W 110 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.		1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·4	0·4	15·0	−6·8	20·6	−20·0	—	85	160	86	17	—	—	—	—
February	10·1	1·6	17·3	−4·7	25·6	−19·4	—	83	127	69	15	—	—	—	—
March	12·8	2·7	20·4	−2·7	25·0	−6·7	—	75	109	46	16	—	—	—	—
April	16·6	4·2	25·4	−0·5	30·6	−3·9	—	66	61	45	12	—	—	—	—
May	20·1	6·7	29·3	1·7	33·3	−2·2	—	64	53	37	10	—	—	—	—
June	23·1	8·9	32·1	4·4	37·8	1·7	—	61	36	40	7	—	—	—	—
July	27·9	10·6	35·2	6·3	40·6	3·9	—	54	8	35	2	—	—	—	—
August	27·6	10·1	34·9	6·1	37·8	3·3	—	56	10	30	3	—	—	—	—
September	24·6	8·2	33·3	2·8	36·7	0·0	—	61	33	44	5	—	—	—	—
October	17·9	5·6	26·3	−0·2	32·8	−4·4	—	76	97	92	11	—	—	—	—
November	11·4	3·6	18·4	−3·3	23·9	−10·0	—	84	142	106	15	—	—	—	—
December	8·6	2·2	15·9	−4·6	19·4	−15·0	—	87	168	84	18	—	—	—	—
Year	17·3	5·4	36·7*	−9·0*	40·6	−20·0	—	71	1004	106	131	—	—	—	—
No. of Years	30	30	30	30	30	30	—	11	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Klamath Falls 42° 12′ N 121° 47′ W 1249 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·0	−5·9	9·7	−15·2	15·0	−25·0	—	—	54	39	13	—	—	—	—
February	6·1	−4·1	12·8	−12·3	18·3	−23·3	—	—	39	25	11	—	—	—	—
March	10·1	−1·8	18·8	−8·2	25·0	−12·2	—	—	31	26	10	—	—	—	—
April	15·4	1·2	24·2	−5·2	29·4	−8·9	—	—	21	23	7	—	—	—	—
May	19·5	4·2	28·9	−2·2	32·2	−7·2	—	—	29	27	8	—	—	—	—
June	23·4	7·7	32·3	0·7	36·1	−2·8	—	—	24	27	5	—	—	—	—
July	29·2	11·6	35·0	5·1	38·3	2·2	—	—	8	35	2	—	—	—	—
August	28·4	10·3	34·1	3·9	38·9	0·0	—	—	8	51	2	—	—	—	—
September	24·6	7·1	32·0	0·6	35·6	−5·0	—	—	15	59	3	—	—	—	—
October	17·3	2·8	26·0	−3·8	31·1	−7·8	—	—	29	34	7	—	—	—	—
November	8·8	−1·7	16·3	−8·6	20·0	−16·7	—	—	41	43	9	—	—	—	—
December	4·4	−4·2	11·1	−12·1	16·7	−23·3	—	—	56	56	12	—	—	—	—
Year	15·9	2·3	35·6*	−16·8*	38·9	−25·0	—	—	355	59	89	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

North Bend 43° 25′ N 124° 15′ W 3 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·1	3·6	17·3	−2·2	20·6	−7·8	—	—	264	101	21	—	—	—	—
February	11·8	4·2	17·8	−0·9	25·6	−5·6	—	—	216	131	18	—	—	—	—
March	12·6	4·7	19·8	0·3	31·1	−2·2	—	—	193	102	20	—	—	—	—
April	13·7	6·3	21·3	1·8	31·1	−0·6	—	—	96	44	15	—	—	—	—
May	15·9	8·0	23·8	4·1	34·4	0·6	—	—	72	52	13	—	—	—	—
June	17·8	9·9	22·7	6·4	31·1	0·0	—	—	41	57	10	—	—	—	—
July	19·0	11·1	22·6	8·1	28·9	5·6	—	—	11	28	5	—	—	—	—
August	19·6	11·1	23·8	8·1	29·4	5·6	—	—	13	35	5	—	—	—	—
September	19·1	10·0	26·2	6·2	33·3	3·9	—	—	44	53	7	—	—	—	—
October	17·3	8·6	25·3	3·7	32·2	0·0	—	—	141	106	13	—	—	—	—
November	14·4	5·9	20·3	0·2	24·4	−6·7	—	—	217	125	16	—	—	—	—
December	11·9	4·8	17·3	−0·6	20·6	−8·3	—	—	266	94	20	—	—	—	—
Year	15·3	7·3	29·6*	−3·6*	34·4	−8·3	—	—	1574	131	163	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Pendleton 45° 41′ N 118° 51′ W 452 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	4·2	−4·0	14·7	−14·8	21·7	−30·0	82	77	36	30	11	—	—	—	—
February	7·7	−1·7	16·3	−11·2	21·1	−29·4	78	70	30	22	9	—	—	—	—
March	12·7	1·1	21·6	−5·7	26·7	−12·2	73	61	30	19	9	—	—	—	—
April	17·7	4·2	27·2	−1·4	35·0	−8·9	70	48	28	21	7	—	—	—	—
May	21·9	7·8	32·1	1·9	39·4	−3·9	71	48	28	22	7	—	—	—	—
June	25·6	10·9	35·2	5·2	40·0	1·1	67	43	30	30	6	—	—	—	—
July	31·3	13·7	39·0	8·0	44·4	3·3	53	33	5	30	2	—	—	—	—
August	29·9	12·7	37·1	7·4	42·2	1·1	56	38	8	16	2	—	—	—	—
September	25·6	9·4	34·5	2·6	38·9	−1·7	60	42	15	22	3	—	—	—	—
October	18·3	4·5	27·3	−1·9	33·9	−11·1	75	57	30	21	7	—	—	—	—
November	9·7	0·1	18·9	−7·3	23·9	−21·1	81	71	36	25	9	—	—	—	—
December	5·9	−1·5	16·1	−9·7	20·0	−23·3	82	78	38	22	11	—	—	—	—
Year	17·5	4·8	39·3*	−19·0*	44·4	−30·0	71	55	314	30	83	—	—	—	—
No. of Years	30	30	30	30	30	30	11	11	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Portland 45° 32′ N 122° 40′ W 9 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·2	1·9	13·7	−4·9	18·3	−13·3	85	79	161	67	18	56	28	—	—
February	9·7	3·4	15·6	−2·7	20·0	−13·9	86	77	124	64	15	92	35	—	—
March	12·6	4·8	20·1	0·3	25·6	−5·0	86	71	121	63	17	124	38	—	—
April	16·8	7·1	26·3	2·8	32·8	−0·6	85	63	62	50	12	188	50	—	—
May	20·3	9·8	30·4	5·2	35·6	2·8	85	61	52	37	10	220	53	—	—
June	22·6	12·3	32·3	8·6	38·9	5·6	84	62	42	55	9	202	53	—	—
July	26·2	14·4	35·2	10·5	41·7	7·8	83	59	10	24	3	324	69	—	—
August	25·8	14·3	34·6	10·7	38·9	8·9	84	61	18	33	4	259	63	—	—
September	23·4	12·7	32·8	7·6	38·9	3·9	87	65	44	52	6	214	58	—	—
October	17·9	9·5	26·1	4·0	32·2	−1·7	91	76	99	52	12	130	40	—	—
November	11·4	5·4	17·1	−0·2	21·7	−9·4	88	80	153	75	15	88	30	—	—
December	8·7	3·7	14·9	−1·7	18·3	−8·9	87	82	188	127	19	56	23	—	—
Year	16·9	8·3	36·9*	−6·4*	41·7	−13·9	86	70	1074	127	140	1953	45	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Union 45° 13′ N 117° 53′ W 843 m Oregon

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·3	−4·8	10·1	−17·2	16·1	−32.8	—	—	23	16	11	—	—	—	—
February	5·4	−3·3	12·6	−14·1	19·4	−29·4	—	—	26	19	11	—	—	—	—
March	10·2	−1·4	18·3	−9·8	25·0	−23·3	—	—	34	23	12	—	—	—	—
April	15·9	1·1	25·2	−5·6	30·0	−12·8	—	—	34	27	11	—	—	—	—
May	20·1	4·3	29·0	−2·6	33·3	−6·7	—	—	46	48	11	—	—	—	—
June	22·9	6·8	31·9	1·3	37·2	−1·7	—	—	46	44	9	—	—	—	—
July	29·1	9·2	36·6	3·2	39·4	1·1	—	—	12	17	4	—	—	—	—
August	28·2	7·8	35·3	2·2	38·3	−0·6	—	—	14	24	4	—	—	—	—
September	24·2	4·9	33·0	−2·2	38·3	−5·6	—	—	20	21	5	—	—	—	—
October	17·3	2·1	26·2	−5·4	30·6	−10·0	—	—	31	34	9	—	—	—	—
November	8·7	−1·1	16·4	−10·6	22·2	−24·4	—	—	32	25	10	—	—	—	—
December	4·6	−2·7	11·6	−13·0	16·7	−25·6	—	—	31	28	11	—	—	—	—
Year	15·7	1·9	36·9*	−21·1*	39·4	−32·8	—	—	349	48	108	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Erie 42° 05′ N 80° 11′ W 223 m Pennsylvania

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·7	−5·2	13·1	−14·4	21·1	−22·2	83	77	69	34	17	—	21	—	—
February	1·5	−6·0	14·0	−15·1	22·2	−25·0	83	74	58	46	14	—	34	—	—
March	5·4	−2·4	19·8	−10·9	27·8	−18·3	80	72	74	46	15	—	42	—	—
April	12·4	3·5	25·1	−3·3	29·4	−11·1	76	66	91	80	14	—	51	—	—
May	18·7	9·3	28·9	2·2	32·2	−1·1	75	64	89	72	13	—	56	—	—
June	24·3	15·2	32·2	8·4	36·1	3·3	76	66	79	88	10	—	64	—	—
July	26·7	18·0	32·8	12·3	36·7	7·2	76	64	94	265	10	—	66	—	—
August	26·1	17·4	32·3	11·1	34·4	5·6	78	65	76	70	9	—	62	—	—
September	22·6	13·6	31·3	5·7	37·2	0·6	80	66	91	101	10	—	54	—	—
October	16·4	8·0	27·1	0·9	31·7	−2·8	79	66	84	110	12	—	44	—	—
November	9·3	2·4	21·8	−5·8	27·8	−13·9	78	71	86	67	16	—	24	—	—
December	3·3	−3·1	14·3	−12·3	21·1	−18·3	81	75	66	60	16	—	18	—	—
Year	14·0	5·9	33·8*	−17·0*	37·2	−25·0	79	69	957	265	156	—	45	—	—
No. of Years	30	30	30	30	30	30	19	18	30	30	28	—	23	—	—

*Average of highest/lowest each year

UNITED STATES

Harrisburg 40° 13′ N 76° 51′ W 102 m — Pennsylvania

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	3·8	−3·9	14·5	−12·8	22·8	−21·1	73	60	70	51	12	140	44	—	—
February	4·6	−3·9	15·5	−12·5	23·9	−23·9	71	55	59	53	9	157	53	—	—
March	9·2	−0·2	21·7	−8·0	30·0	−13·3	70	53	87	55	12	207	55	—	—
April	16·6	5·4	28·6	−1·4	33·3	−6·1	69	49	77	55	12	217	58	—	—
May	22·9	11·3	31·8	3·9	36·1	0·0	72	51	99	79	13	260	62	—	—
June	27·5	16·2	34·6	9·6	37·8	6·1	75	52	87	71	11	301	66	—	—
July	29·9	18·6	35·4	12·9	39·4	9·4	77	51	89	99	10	324	68	—	—
August	28·7	17·7	34·9	11·4	38·3	7·8	81	53	93	134	10	286	66	—	—
September	24·7	13·7	33·0	5·2	38·9	0·0	83	55	73	91	9	231	62	—	—
October	18·7	7·7	28·3	−0·3	36·1	−3·9	80	53	75	78	9	205	58	—	—
November	11·2	2·1	21·7	−6·0	28·9	−10·6	76	56	75	89	9	143	48	—	—
December	4·8	−3·0	15·5	−12·2	21·7	−22·2	73	59	74	81	10	134	45	—	—
Year	16·9	6·8	36·4*	−15·7*	39·4	−23·9	75	54	958	134	126	2605	57	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Philadelphia 39° 53′ N 75° 15′ W 2 m — Pennsylvania

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	4·7	−3·2	15·6	−11·3	23·3	−18·9	73	61	82	63	12	147	47	—	—
February	5·9	−2·7	16·6	−11·0	23·3	−16·1	72	57	72	43	9	165	55	—	—
March	10·3	0·8	22·1	−7·1	30·6	−13·9	72	53	96	47	12	210	55	—	—
April	17·2	6·2	28·6	−0·4	33·3	−4·4	70	49	87	84	11	227	58	—	—
May	23·2	12·0	31·6	5·1	34·4	0·6	72	51	91	52	11	261	61	—	—
June	27·7	16·9	34·4	10·3	37·8	6·7	75	53	99	117	10	305	62	—	—
July	30·1	19·8	35·8	14·7	40·0	11·1	77	53	98	76	10	298	63	—	—
August	28·8	18·9	34·7	13·0	38·3	10·0	80	55	109	95	10	258	60	—	—
September	25·2	14·8	32·8	7·0	37·8	2·2	82	55	79	117	9	232	60	—	—
October	19·5	9·1	28·7	1·3	34·4	−2·2	81	53	71	52	8	209	59	—	—
November	12·6	3·2	22·6	−4·4	28·9	−9·4	78	56	86	88	9	157	53	—	—
December	6·3	−1·8	16·7	−10·4	22·2	−16·7	74	59	76	77	10	144	50	—	—
Year	17·6	7·8	36·4*	−13·3*	40·0	−18·9	75	55	1046	117	121	2613	57	—	—
No. of Years	25	25	25	25	25	25	30	30	25	25	25	10	30	—	—

Pittsburgh 40° 30′ N 80° 13′ W 351 m — Pennsylvania

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	3·0	−5·2	15·1	−16·1	21·1	−26·7	79	68	76	39	17	107	34	—	—
February	3·9	−5·2	16·4	−15·2	22·2	−22·2	79	65	62	35	15	118	41	—	—
March	8·8	−1·3	22·3	−10·4	28·3	−18·3	77	59	89	66	16	186	47	—	—
April	16·2	4·6	27·2	−4·1	30·6	−9·4	73	52	85	53	14	197	52	—	—
May	22·0	10·2	30·4	2·1	33·9	−1·1	73	51	93	54	13	242	57	—	—
June	26·5	15·2	32·8	8·2	35·0	3·3	77	55	106	60	12	288	61	—	—
July	28·4	17·2	33·7	11·4	38·9	7·8	80	53	99	71	12	286	64	—	—
August	27·9	16·7	33·4	10·3	37·2	7·8	84	54	80	78	10	255	61	—	—
September	24·1	12·6	32·2	4·3	36·1	1·1	84	52	66	76	8	242	63	—	—
October	17·9	7·1	27·8	−1·1	31·7	−5·0	82	54	68	90	11	205	55	—	—
November	10·1	1·1	22·6	−8·2	26·7	−18·3	78	60	60	47	12	141	42	—	—
December	4·1	−3·8	15·7	−14·1	21·1	−20·6	79	68	66	60	15	111	33	—	—
Year	16·1	5·8	34·8*	−17·5*	38·9	−26·7	79	58	950	90	155	2378	51	—	—
No. of Years	25	25	25	25	25	25	30	30	25	25	25	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Scranton 41° 20′ N 75° 44′ W 287 m — Pennsylvania

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·9	−5·9	12·4	−15·8	20·6	−22·8	78	68	58	47	13	101	36	—	—
February	2·6	−6·3	13·4	−16·3	23·3	−28·3	76	64	53	51	10	124	46	—	—
March	7·2	−2·2	19·6	−11·3	28·3	−17·8	75	60	78	80	13	171	49	—	—
April	14·7	3·6	27·4	−3·2	32·8	−7·8	73	53	88	65	13	190	50	—	—
May	21·5	9·2	30·9	1·3	33·3	−2·2	73	50	95	74	13	235	56	—	—
June	26·2	14·3	33·7	7·2	36·7	3·3	76	53	97	70	12	284	59	—	—
July	28·8	16·7	34·4	10·1	39·4	7·2	78	54	118	108	11	283	61	—	—
August	27·4	15·6	33·6	8·6	36·7	3·3	82	55	100	103	11	240	58	—	—
September	23·4	11·5	32·0	2·8	37·8	−1·1	84	57	76	55	9	205	57	—	—
October	17·4	6·0	27·1	−1·8	31·7	−6·1	83	57	79	86	10	194	53	—	—
November	9·8	0·9	21·0	−7·8	27·2	−14·4	80	63	77	88	11	120	41	—	—
December	3·0	−4·3	14·0	−14·9	19·4	−23·3	78	67	62	66	11	107	37	—	—
Year	15·3	4·9	35·3*	−18·8*	39·4	−28·3	78	58	981	108	137	2254	50	—	—
No. of Years	30	30	30	30	30	30	25	24	30	30	30	10	30	—	—

Williamsport 41° 15′ N 76° 55′ W 161 m — Pennsylvania

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·3	−5·9	11·9	−16·2	23·9	−25·6	73	62	69	49	12	—	—	—	—
February	3·1	−6·2	12·2	−16·8	21·7	−27·8	75	57	63	66	11	—	—	—	—
March	8·1	−2·2	19·9	−11·3	28·3	−18·9	75	53	94	57	13	—	—	—	—
April	15·7	3·7	28·2	−3·8	34·4	−8·3	75	49	89	45	14	—	—	—	—
May	22·2	9·3	31·5	0·6	35·0	−2·2	77	47	104	69	13	—	—	—	—
June	26·9	14·4	34·4	6·2	38·9	2·2	79	49	81	54	11	—	—	—	—
July	29·6	16·6	35·5	9·6	41·1	6·1	84	50	107	64	11	—	—	—	—
August	28·4	15·6	34·6	7·9	38·3	3·3	89	53	91	133	11	—	—	—	—
September	24·1	11·6	32·5	2·4	38·9	−2·2	91	57	84	84	9	—	—	—	—
October	17·8	5·6	27·6	−2·9	32·8	−7·2	88	55	84	111	10	—	—	—	—
November	9·7	0·4	20·4	−8·3	28·3	−16·1	81	61	89	67	12	—	—	—	—
December	3·3	−5·1	12·7	−15·7	17·2	−26·1	77	62	76	61	12	—	—	—	—
Year	15·9	4·8	36·4*	−20·2*	41·1	−27·8	80	55	1031	133	139	—	—	—	—
No. of Years	30	30	30	30	30	30	12	12	30	30	30	—	—	—	—

Providence 41° 44′ N 71° 26′ W 17 m — Rhode Island

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						per cent		millimetres			hours		hours	
January	2·9	−6·1	13·6	−15·1	20·0	−22·8	72	60	97	65	11	143	49	—	—
February	3·5	−6·1	12·8	−14·9	18·9	−27·2	72	57	79	50	10	165	56	—	—
March	7·4	−1·9	18·6	−9·7	32·2	−15·0	71	53	104	65	11	207	57	—	—
April	13·7	3·2	25·4	−2·0	32·8	−10·0	70	52	94	61	12	210	55	—	—
May	19·8	8·4	30·3	3·3	35·0	−1·7	71	53	84	101	11	247	59	—	—
June	24·5	13·5	33·6	8·3	38·3	3·9	74	56	71	77	11	292	63	—	—
July	27·4	17·1	34·6	12·3	38·3	9·4	77	57	74	69	9	296	63	—	—
August	26·7	16·1	33·9	11·1	38·9	6·7	80	57	102	121	9	263	62	—	—
September	22·8	11·8	31·3	4·3	37·2	−1·1	83	58	89	157	8	232	60	—	—
October	17·4	6·1	27·4	−0·9	32·2	−6·1	81	55	79	84	8	210	59	—	—
November	11·2	1·0	20·7	−6·3	27·8	−12·8	78	58	104	92	10	156	50	—	—
December	4·7	−4·7	14·3	−14·3	19·4	−23·9	73	58	91	63	11	154	50	—	—
Year	15·2	4·9	35·4*	−17·9*	38·9	−27·2	75	56	1068	157	121	2575	57	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Charleston 32° 54′ N 80° 02′ W 12 m

South Carolina

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·1	6·6	23·5	−2·1	27·8	−7·8	85	58	63	52	8	191	59	—	—
February	15·7	6·9	23·9	−1·5	27·8	−8·9	83	55	84	121	8	198	61	—	—
March	18·5	9·8	26·8	1·1	33·3	−3·9	82	53	99	103	8	247	66	—	—
April	22·9	14·4	29·9	6·7	33·3	2·2	81	51	74	83	7	288	73	—	—
May	27·0	19·0	33·0	12·6	37·2	7·8	81	55	91	112	7	319	75	—	—
June	30·2	22·7	35·9	18·0	40·0	15·0	83	62	127	153	9	327	72	—	—
July	31·1	24·0	35·6	20·3	38·3	16·1	87	65	196	179	12	304	68	—	—
August	30·8	23·8	35·4	20·1	38·9	17·2	89	64	168	217	11	284	68	—	—
September	28·5	21·7	33·6	15·7	37·8	10·0	90	64	147	268	9	239	66	—	—
October	24·1	16·1	29·7	8·8	32·8	3·3	88	57	71	107	5	222	68	—	—
November	19·2	10·4	26·2	1·1	28·9	−8·3	86	54	53	76	6	210	67	—	—
December	15·3	6·6	22·9	−1·9	27·2	−8·3	84	57	74	86	8	199	60	—	—
Year	23·2	15·2	37·1*	−4·7*	40·0	−8·9	85	58	1247	268	98	3028	67	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Columbia 33° 57′ N 81° 07′ W 66 m

South Carolina

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
Janaury	14·6	2·0	23·5	−5·1	27·8	−12·2	84	56	76	66	8	188	55	—	—
February	15·8	2·4	24·1	−4·7	27·2	−11·1	81	51	94	91	9	193	59	—	—
March	19·2	5·7	27·8	−1·7	32·2	−7·8	80	49	109	94	9	232	64	—	—
April	24·6	10·4	31·2	3·1	33·9	−1·1	78	45	102	101	8	285	70	—	—
May	29·3	15·3	34·1	9·3	37·8	5·0	79	46	89	71	8	306	72	—	—
June	33·1	19·9	37·8	15·3	40·6	11·1	80	50	99	82	9	326	72	—	—
July	33·6	21·5	37·3	17·9	41·1	14·4	85	54	155	146	12	305	66	—	—
August	32·9	20·9	36·5	16·8	39·4	14·4	87	55	145	121	11	306	68	—	—
September	30·1	18·1	35·2	11·7	38·3	6·7	87	55	109	150	8	238	65	—	—
October	25·2	11·1	30·9	4·6	37·2	−1·1	87	50	61	83	5	232	68	—	—
November	19·3	4·8	26·6	−2·7	30·0	−9·4	85	49	61	55	6	207	65	—	—
December	14·6	1·4	22·9	−5·3	27·2	−11·1	84	55	89	76	9	193	54	—	—
Year	24·4	11·1	38·7*	−7·6*	41·1	−12·2	83	51	1189	150	102	3011	65	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Greenville 34° 51′ N 82° 21′ W 310 m

South Carolina

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·4	1·7	21·1	−7·0	26·1	−13·3	78	58	109	100	11	187	53	—	—
February	12·7	1·9	21·6	−6·4	25·6	−17·2	73	54	105	79	11	171	57	—	—
March	16·2	4·9	25·4	−3·5	29·4	−11·1	75	52	124	68	12	222	61	—	—
April	22·0	10·0	29·9	1·9	33·3	−1·7	73	45	99	72	9	269	70	—	—
May	26·9	14·8	32·9	7·9	36·7	3·9	76	48	81	94	9	287	70	—	—
June	31·0	19·2	36·2	14·0	38·9	10·6	78	51	73	50	10	289	69	—	—
July	31·7	20·7	36·5	16·9	40·0	13·3	83	54	128	84	13	286	65	—	—
August	31·0	20·3	35·7	16·1	37·8	12·8	84	56	114	118	10	289	69	—	—
September	27·9	17·3	34·3	10·4	38·3	5·6	83	55	95	166	8	233	67	—	—
October	22·6	11·4	29·7	3·6	36·1	−1·7	80	50	87	184	7	233	69	—	—
November	16·4	5·1	25·2	−3·8	28·9	−11·7	77	49	74	92	8	203	64	—	—
December	11·6	1·6	20·6	−6·9	25·6	−12·2	77	56	108	113	10	173	54	—	—
Year	21·8	10·7	37·4*	−10·1*	40·0	−17·2	78	52	1197	184	118	2842	64	—	—
No. of Years	30	30	30	30	30	30	23	22	30	30	30	10	23	—	—

*Average of highest/lowest each year

UNITED STATES

Aberdeen 45° 27′ N 98° 26′ W 395 m — South Dakota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−5·8	−17·8	6·7	−31·1	15·6	−37·8	—	—	18	28	7	—	—	—	—
February	−3·4	−15·4	8·0	−29·7	21·1	−40·0	—	—	15	26	5	—	—	—	—
March	3·6	−7·8	17·3	−20·5	30·0	−32·8	—	—	28	38	7	—	—	—	—
April	14·0	0·2	27·3	−8·7	33·3	−15·6	—	—	51	58	7	—	—	—	—
May	21·3	6·7	32·5	−2·5	43·3	−8·3	—	—	58	97	9	—	—	—	—
June	26·2	12·2	35·4	3·6	44·4	−1·1	—	—	97	205	11	—	—	—	—
July	30·9	15·2	38·7	8·2	46·1	2·8	—	—	63	78	8	—	—	—	—
August	29·8	14·1	38·6	5·4	43·9	0·6	—	—	56	57	7	—	—	—	—
September	23·8	7·9	35·0	−2·4	41·7	−11·7	—	—	36	47	7	—	—	—	—
October	16·6	1·4	28·7	−8·1	34·4	−15·0	—	—	30	51	5	—	—	—	—
November	4·9	−6·8	17·7	−18·7	25·0	−27·2	—	—	18	28	5	—	—	—	—
December	−2·3	−13·2	8·9	−26·4	20·6	−33·3	—	—	15	23	6	—	—	—	—
Year	13·3	−0·3	40·1*	−33·0*	46·1	−40·0	—	—	485	205	84	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	27	20	—	—	—	—

Pierre 44° 23′ N 100° 17′ W 524 m — South Dakota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−2·4	−13·7	10·8	−26·5	18·9	−32·2	—	—	11	26	5	—	—	—	—
February	−0·6	−12·4	12·6	−25·3	22·8	−35·6	—	—	17	33	6	—	—	—	—
March	5·3	−6·4	19·9	−18·6	30·6	−27·8	—	—	27	42	7	—	—	—	—
April	15·2	1·5	28·5	−7·1	32·8	−17·2	—	—	38	47	7	—	—	—	—
May	21·9	8·0	32·8	−1·0	40·6	−5·6	—	—	66	62	10	—	—	—	—
June	27·3	13·7	36·3	6·3	43·3	1·7	—	—	81	62	11	—	—	—	—
July	32·7	17·4	40·9	11·0	46·1	5·6	—	—	43	62	8	—	—	—	—
August	31·8	16·1	40·6	8·6	45·6	4·4	—	—	53	89	8	—	—	—	—
September	25·6	10·0	37·0	0·5	42·2	−6·1	—	—	29	33	5	—	—	—	—
October	18·1	3·3	31·1	−6·3	35·6	−12·2	—	—	22	45	4	—	—	—	—
November	7·3	−5·0	20·5	−16·3	27·2	−27·8	—	—	14	45	5	—	—	—	—
December	0·6	−10·4	13·7	−23·2	24·4	−31·1	—	—	11	23	5	—	—	—	—
Year	15·2	1·8	42·3*	−29·1*	46·1	−35·6	—	—	412	89	81	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Rapid City 44° 03′ N 103° 04′ W 964 m — South Dakota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						per cent		millimetres			hours		hours	
January	1·2	−12·3	15·5	−24·9	23·3	−32·8	73	61	10	32	6	144	57	—	—
February	2·2	−10·9	16·8	−22·8	23·3	−36·1	76	61	13	22	6	160	61	—	—
March	5·8	−6·8	20·6	−18·7	27·8	−26·1	77	59	25	56	9	213	60	—	—
April	13·7	0·2	27·3	−8·6	31·7	−22·2	72	49	43	110	9	228	61	—	—
May	19·9	6·4	31·2	−1·2	36·1	−7·8	73	48	69	66	12	260	60	—	—
June	25·0	11·6	34·9	4·8	40·6	−0·6	75	51	79	81	12	290	65	—	—
July	30·9	15·5	38·7	9·7	42·8	3·9	69	41	46	64	9	327	74	—	—
August	30·0	14·4	37·9	8·3	41·1	4·4	67	38	30	36	8	299	73	—	—
September	24·2	8·7	35·1	0·0	40·0	−7·8	66	39	23	46	6	267	71	—	—
October	17·3	2·7	29·4	−6·2	34·4	−14·4	66	42	20	37	5	234	67	—	—
November	8·3	−4·9	21·6	−15·5	25·6	−28·3	68	51	10	28	5	161	57	—	—
December	3·7	−9·1	17·7	−20·7	26·1	−27·8	71	58	8	14	5	149	52	—	—
Year	15·2	1·3	39·5*	−27·8*	42·8	−36·1	71	50	376	110	92	2732	63	—	—
No. of Years	30	30	30	30	30	30	30	28	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Sioux Falls 43° 34′ N 96° 44′ W 433 m South Dakota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						per cent		millimetres			hours		hours	
Janaury	−3·8	−14·9	7·8	−27·2	16·7	−32·2	71	62	15	40	5	—	—	—	—
February	−1·6	−12·8	9·9	−25·7	21·1	−34·4	72	63	23	41	6	—	—	—	—
March	4·1	−6·2	18·1	−18·4	31·1	−30·6	77	63	38	39	8	—	—	—	—
April	13·9	1·5	27·4	−7·5	35·0	−15·6	76	47	58	67	7	—	—	—	—
May	21·2	8·1	31·6	−0·9	40·0	−6·7	78	49	86	101	10	—	—	—	—
June	26·3	13·8	35·1	5·4	40·0	0·6	82	53	109	108	11	—	—	—	—
July	30·0	16·9	37·3	10·3	43·3	6·7	83	51	71	66	9	—	—	—	—
August	28·5	15·7	36·2	7·9	42·8	1·1	85	53	91	100	9	—	—	—	—
September	23·1	10·0	32·7	0·4	37·2	−4·4	80	49	66	76	7	—	—	—	—
October	16·6	3·7	27·6	−5·8	33·3	−12·2	75	49	33	49	5	—	—	—	—
November	5·8	−5·2	18·6	−16·6	23·9	−27·2	74	54	25	26	5	—	—	—	—
December	−0·9	−11·2	10·1	−23·4	16·7	−31·7	75	64	18	36	5	—	—	—	—
Year	13·6	1·6	38·3*	−29·5*	43·3	−34·4	77	55	633	108	87	—	—	—	—
No. of Years	30	30	30	30	30	30	12	12	30	30	30	—	—	—	—

Timberlake 45° 26′ N 101° 04′ W 659 m South Dakota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−5·6	−17·1	9·3	−29·9	16·7	−39·4	—	—	18	37	5	—	—	—	—
February	−1·9	−13·9	11·0	−27·9	21·1	−36·7	—	—	18	53	5	—	—	—	—
March	2·2	−9·3	17·7	−22·2	28·9	−31·7	—	—	29	33	7	—	—	—	—
April	13·6	−0·8	27·3	−9·3	34·4	−13·3	—	—	40	36	7	—	—	—	—
May	20·7	6·0	31·7	−3·4	37·8	−9·4	—	—	66	69	9	—	—	—	—
June	25·6	11·3	34·8	3·5	41·1	−0·6	—	—	104	71	11	—	—	—	—
July	30·2	14·3	38·9	8·2	43·3	3·9	—	—	50	54	8	—	—	—	—
August	29·7	13·8	38·8	5·8	42·8	0·0	—	—	50	64	7	—	—	—	—
September	23·8	7·6	35·5	−2·1	41·1	−8·3	—	—	30	39	5	—	—	—	—
October	16·0	1·4	29·2	−7·9	34·4	−12·8	—	—	29	52	5	—	—	—	—
November	5·9	−6·2	18·1	−18·7	23·9	−30·0	—	—	14	29	5	—	—	—	—
December	−0·7	−12·1	11·9	−25·6	20·6	−32·2	—	—	12	27	4	—	—	—	—
Year	13·3	−0·4	40·2*	−31·8*	43·3	−39·4	—	—	460	71	78	—	—	—	—
No. of Years	13	13	28	28	28	28	—	—	28	28	28	—	—	—	—

Watertown 44° 55′ N 97° 09′ W 529 m South Dakota

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	−6·1	−18·4	5·3	−30·3	13·3	−36·1	—	—	12	32	6	—	—	—	—
February	−3·7	−15·1	7·3	−28·4	18·9	−37·8	—	—	15	31	5	—	—	—	—
March	2·6	−8·1	15·9	−20·6	27·2	−32·8	—	—	25	43	7	—	—	—	—
April	12·5	−0·2	25·9	−9·3	31·7	−17·8	—	—	52	51	8	—	—	—	—
May	20·1	6·6	30·7	−2·6	41·1	−7·2	—	—	72	181	10	—	—	—	—
June	25·2	12·2	34·0	3·4	41·7	−1·7	—	—	94	81	11	—	—	—	—
July	29·6	15·2	36·8	8·3	43·3	4·4	—	—	68	71	8	—	—	—	—
August	28·3	14·1	36·0	6·3	40·6	1·1	—	—	71	71	9	—	—	—	—
September	22·6	8·3	33·3	−1·4	40·0	−7·2	—	—	45	74	6	—	—	—	—
October	15·6	1·8	27·6	−7·7	32·8	−15·0	—	—	20	114	5	—	—	—	—
November	4·0	−6·7	17·2	−18·1	25·0	−25·0	—	—	20	36	5	—	—	—	—
December	−2·6	−13·0	7·8	−25·2	20·6	−33·3	—	—	15	34	6	—	—	—	—
Year	12·3	1·1	37·8*	−31·9*	43·3	−37·8	—	—	509	181	86	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Chattanooga 35° 02′ N 85° 12′ W 204 m

Tennessee

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·8	0·8	20·6	−8·9	25·6	−17·8	82	62	142	94	11	125	40	—	—
February	12·5	1·3	22·2	−8·1	25·6	−17·2	80	56	137	100	11	155	47	—	—
March	16·4	4·4	26·1	−4·5	30·0	−13·3	80	52	142	112	11	191	50	—	—
April	22·4	9·3	30·2	0·4	33·9	−2·8	80	49	109	87	9	246	61	—	—
May	27·3	14·0	33·2	6·2	37·2	1·7	83	51	89	61	9	265	67	—	—
June	31·3	18·7	35·9	12·6	40·0	5·0	84	52	94	123	9	293	68	—	—
July	32·2	20·5	36·5	15·8	41·1	12·2	87	56	130	128	11	283	63	—	—
August	31·9	20·0	36·3	15·4	40·6	10·0	89	55	97	94	9	279	64	—	—
September	29·1	16·4	34·8	8·9	38·9	2·8	88	53	79	100	7	241	67	—	—
October	23·4	9·8	29·9	1·1	34·4	−5·6	88	51	76	106	6	214	63	—	—
November	15·9	3·4	24·9	−5·3	28·3	−15·6	83	53	94	115	8	169	54	—	—
December	11·1	0·8	20·0	−8·1	25·6	−12·8	83	61	132	123	10	139	42	—	—
Year	22·0	9·9	37·6*	−11·8*	41·1	−17·8	84	54	1321	128	111	2600	57	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Jackson 35° 36′ N 88° 55′ W 126 m

Tennessee

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·6	−0·2	21·1	−11·6	26·1	−26·1	—	—	165	160	11	—	—	—	—
February	11·8	0·6	22·4	−9·8	26·1	−24·4	—	—	121	75	10	—	—	—	—
March	16·1	3·9	25·7	−5·5	28·3	−12·8	—	—	132	89	11	—	—	—	—
April	22·1	9·4	30·0	−0·4	32·8	−3·9	—	—	117	130	10	—	—	—	—
May	26·9	14·0	33·0	5·8	36·7	0·6	—	—	108	69	10	—	—	—	—
June	31·5	18·8	36·1	11·1	40·6	6·1	—	—	106	100	9	—	—	—	—
July	33·0	20·4	37·0	14·5	41·7	7·2	—	—	115	113	9	—	—	—	—
August	32·8	19·7	37·1	13·0	40·6	6·7	—	—	86	86	8	—	—	—	—
September	29·6	15·6	35·4	6·3	40·6	−1·1	—	—	85	101	7	—	—	—	—
October	24·0	9·5	31·1	−0·6	35·6	−4·4	—	—	67	66	7	—	—	—	—
November	16·0	3·2	26·0	−6·3	28·9	−17·2	—	—	106	156	8	—	—	—	—
December	11·0	0·3	20·9	−9·3	26·7	−14·4	—	—	116	96	10	—	—	—	—
Year	22·0	9·6	38·0*	−12·8*	41·7	−26·1	—	—	1324	160	110	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Knoxville 35° 49′ N 83° 59′ W 299 m

Tennessee

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·6	0·6	20·4	−9·9	25·0	−19·4	83	64	124	99	12	110	39	—	—
February	11·4	0·7	21·3	−9·2	25·6	−18·9	81	59	122	85	11	136	47	—	—
March	15·4	3·8	25·4	−5·1	30·0	−14·4	78	54	119	71	12	179	51	—	—
April	21·6	9·1	30·0	0·3	33·3	−3·3	76	49	94	67	10	236	60	—	—
May	26·5	14·0	32·4	6·3	35·6	2·2	79	50	89	79	10	256	64	—	—
June	30·6	18·5	35·5	12·7	38·9	6·1	80	52	84	60	10	269	66	—	—
July	31·8	20·3	36·1	16·1	39·4	11·7	83	55	122	136	11	256	62	—	—
August	31·2	19·8	35·6	15·0	38·9	9·4	87	55	89	83	10	248	59	—	—
September	28·6	16·3	34·4	9·2	39·4	2·8	87	51	63	129	7	230	63	—	—
October	22·6	9·7	29·6	1·4	33·3	−3·9	87	51	66	56	6	205	61	—	—
November	15·0	3·2	24·7	−5·1	27·8	−15·0	83	54	81	101	8	149	51	—	—
December	10·0	0·3	19·9	−8·5	25·0	−15·0	84	63	107	78	11	120	40	—	—
Year	21·2	9·7	36·9*	−12·9*	39·4	−19·4	82	55	1160	136	118	2394	55	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Memphis 35° 03′ N 89° 59′ W 80 m Tennessee

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				per cent		millimetres			hours		hours	
January	9·8	1·3	21·4	−9·3	25·6	−19·4	80	65	155	113	10	126	43	—	—
February	11·4	2·6	22·3	−6·9	25·6	−17·2	79	62	119	116	9	152	49	—	—
March	15·7	6·1	25·7	−3·2	29·4	−11·1	76	57	130	89	10	196	55	—	—
April	21·7	11·8	29·5	2·8	32·2	−1·7	77	54	117	134	9	244	62	—	—
May	26·6	16·7	32·7	9·3	36·7	3·3	80	55	107	84	9	286	68	—	—
June	31·0	21·2	35·7	14·9	39·4	10·0	81	54	94	98	8	329	74	—	—
July	32·4	22·7	36·4	18·3	40·0	11·1	84	57	89	97	7	330	72	—	—
August	32·1	22·4	36·3	16·7	40·6	8·9	85	55	76	59	6	325	75	—	—
September	28·8	18·7	34·4	10·6	38·9	2·2	84	54	71	101	5	269	70	—	—
October	23·5	12·5	30·3	3·3	33·9	−1·1	83	51	69	164	6	247	69	—	—
November	15·8	5·9	25·7	−3·5	28·9	−11·7	79	55	112	266	8	196	58	—	—
December	10·9	2·4	21·0	−7·1	25·6	−11·7	80	63	124	101	9	157	45	—	—
Year	21·6	12·0	37·3*	−11·6*	40·6	−19·4	81	57	1263	266	96	2857	62	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Nashville 36° 07′ N 86° 41′ W 176 m Tennessee

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				per cent		millimetres			hours		hours	
January	9·3	−0·6	20·5	−10·9	25·6	−20·6	83	67	140	162	11	110	39	—	—
February	10·8	0·3	21·5	−10·1	25·0	−25·0	82	62	114	75	10	140	46	—	—
March	15·2	3·7	25·2	−5·1	30·6	−15·0	80	57	132	118	11	190	53	—	—
April	21·6	9·1	29·3	1·0	32·2	−3·9	79	52	94	65	9	232	60	—	—
May	26·6	14·1	32·3	6·8	35·6	2·2	82	53	94	81	9	254	65	—	—
June	31·3	19·1	35·5	12·6	41·1	6·7	81	52	84	87	9	305	70	—	—
July	32·6	20·9	36·3	16·2	41·7	11·7	84	55	94	85	9	299	66	—	—
August	32·2	20·2	36·4	14·9	40·0	9·4	87	55	74	52	8	290	67	—	—
September	29·2	16·2	34·6	8·7	40·6	2·2	87	51	74	73	7	248	67	—	—
October	23·2	9·6	30·1	1·6	34·4	−3·3	86	51	58	76	6	224	64	—	—
November	15·1	3·3	25·1	−5·7	29·4	−18·3	82	57	84	104	8	175	54	—	—
December	10·2	0·2	19·9	−9·1	24·4	−15·0	84	65	107	74	10	134	42	—	—
Year	21·4	9·7	37·3*	−14·1*	41·7	−25·0	83	56	1149	162	107	2601	58	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Rogersville 36° 23′ N 83° 03′ W 334 m Tennessee

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				per cent		millimetres			hours		hours	
January	10·1	−1·1	20·5	−12·2	26·7	−25·6	—	—	112	67	13	—	—	—	—
February	11·8	−0·9	21·0	−11·3	26·1	−19·4	—	—	109	50	11	—	—	—	—
March	15·8	1·9	25·0	−7·6	28·9	−18·3	—	—	115	54	12	—	—	—	—
April	22·0	7·1	29·7	−1·9	32·8	−6·7	—	—	91	56	11	—	—	—	—
May	26·4	11·8	32·1	3·8	35·6	−0·6	—	—	91	56	11	—	—	—	—
June	30·2	16·3	34·8	9·8	40·0	5·6	—	—	81	107	10	—	—	—	—
July	31·2	18·3	35·2	13·1	38·9	9·4	—	—	122	69	11	—	—	—	—
August	31·0	17·4	35·1	12·2	37·8	7·8	—	—	88	100	10	—	—	—	—
September	29·1	14·1	34·3	6·4	38·3	2·8	—	—	66	70	7	—	—	—	—
October	23·4	7·8	30·5	−0·9	35·0	−6·7	—	—	58	52	7	—	—	—	—
November	15·6	1·6	25·3	−7·6	28·9	−15·0	—	—	81	71	9	—	—	—	—
December	10·4	−1·2	20·2	−10·9	27·2	−18·3	—	—	97	72	11	—	—	—	—
Year	21·4	7·8	36·1*	−15·7*	40·0	−25·6	—	—	1111	107	123	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Abilene 32° 26′ N 99° 41′ W 536 m — Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·6	0·4	25·2	−9·6	31·7	−22·8	75	52	23	43	5	200	62	—	—
February	15·8	2·4	27·6	−7·2	31·7	−20·6	74	50	28	51	6	205	64	—	—
March	20·2	5·3	30·8	−3·9	36·1	−12·8	67	42	25	71	4	253	67	—	—
April	25·1	10·7	34·3	1·1	37·2	−2·8	71	42	58	62	7	262	67	—	—
May	28·6	15·6	36·2	8·1	40·6	3·3	80	49	109	123	9	299	69	—	—
June	33·2	20·5	38·3	15·1	41·1	11·1	78	47	69	110	6	353	80	—	—
July	34·6	22·3	39·4	18·3	42·8	13·9	75	44	58	97	5	325	77	—	—
August	34·5	22·2	39·8	17·6	43·9	13·9	73	42	38	110	4	319	78	—	—
September	30·8	18·0	37·2	10·8	41·1	3·9	76	45	53	130	5	287	75	—	—
October	25·9	12·1	33·6	3·5	37·8	−2·2	77	47	74	127	5	245	69	—	—
November	18·5	4·8	28·3	−3·6	32·8	−8·9	73	46	28	55	5	220	71	—	—
December	14·4	1·2	24·9	−6·8	31·7	−12·8	74	51	33	68	5	213	65	—	—
Year	24·6	11·3	40·6*	−11·8*	43·9	−22·8	74	46	596	130	66	3181	70	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	15	—	—

Alpine 30° 23′ N 103° 40′ W 1351 m — Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·9	1·3	21·9	−9·5	26·7	−17·8	—	—	21	33	4	—	—	—	—
February	17·6	3·4	25·7	−7·3	30·0	−18·9	—	—	12	33	3	—	—	—	—
March	20·5	5·8	28·3	−5·1	32·8	−12·2	—	—	7	17	2	—	—	—	—
April	24·9	9·8	31·9	0·0	35·0	−6·1	—	—	13	30	3	—	—	—	—
May	29·2	14·1	35·4	6·1	38·3	1·1	—	—	37	57	6	—	—	—	—
June	32·6	18·1	37·8	12·6	41·1	7·8	—	—	58	67	8	—	—	—	—
July	31·8	18·6	36·4	14·8	41·1	11·7	—	—	71	60	9	—	—	—	—
August	31·5	18·5	36·3	14·0	39·4	9·4	—	—	58	74	7	—	—	—	—
September	28·6	15·5	34·3	9·2	37·8	2·2	—	—	57	62	8	—	—	—	—
October	25·2	11·5	31·6	3·1	36·1	−5·0	—	—	30	38	5	—	—	—	—
November	18·9	5·1	26·9	−4·6	30·0	−13·3	—	—	11	25	3	—	—	—	—
December	15·9	2·5	23·8	−6·8	28·3	−17·2	—	—	17	29	3	—	—	—	—
Year	24·3	10·3	38·3*	−12·2*	41·1	−18·9	—	—	392	74	61	—	—	—	—
No. of Years	25	25	30	30	30	30	—	—	30	30	30	—	—	—	—

Amarillo 35° 14′ N 101° 42′ W 1099 m — Texas

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·7	−4·2	21·6	−14·5	27·2	−23·9	71	50	18	43	4	223	67	—	—
February	11·8	−2·7	23·7	−12·1	28·3	−25·6	70	48	15	33	5	218	64	—	—
March	15·9	0·2	27·2	−9·4	33·3	−19·4	66	40	20	52	4	265	70	—	—
April	21·3	5·8	31·1	−3·1	34·4	−10·0	67	39	33	42	6	291	70	—	—
May	25·6	11·2	33·8	3·7	38·9	−2·2	76	45	86	111	9	311	71	—	—
June	31·4	16·8	38·3	10·6	42·2	5·6	75	41	74	112	7	346	78	—	—
July	33·3	19·1	38·0	14·9	41·1	11·7	73	40	58	104	8	343	79	—	—
August	32·7	18·6	37·7	13·9	41·1	9·4	74	41	66	108	8	334	79	—	—
September	28·4	14·3	35·4	6·7	38·9	0·6	74	43	48	87	5	298	78	—	—
October	23·0	8·3	31·5	0·3	35·0	−3·9	74	44	46	68	5	270	74	—	—
November	15·4	0·4	26·0	−8·6	30·0	−16·1	68	42	18	60	3	249	74	—	—
December	11·1	−2·7	22·1	−11·0	28·3	−17·8	70	48	20	79	3	228	67	—	—
Year	21·6	7·1	39·3*	−17·2*	42·2	−25·6	71	43	502	112	67	3376	73	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Austin 30° 18′ N 97° 42′ W 182 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·7	4·7	26·4	−5·4	29·4	−18·9	83	62	58	86	9	148	46	—	—
February	17·8	6·4	27·8	−3·3	33·9	−13·9	82	60	66	77	9	154	49	—	—
March	21·4	9·3	30·7	−0·1	35·6	−7·8	80	54	53	64	7	196	55	—	—
April	25·6	14·1	32·2	5·1	37·2	0·6	84	56	89	98	8	197	57	—	—
May	29·6	18·3	34·2	11·6	37·2	6·1	88	57	94	92	8	256	63	—	—
June	33·3	22·1	36·8	17·3	41·1	12·8	89	54	81	220	6	303	72	—	—
July	35·1	23·3	38·3	20·7	42·8	18·3	88	51	56	130	5	336	77	—	—
August	35·3	23·2	38·7	19·9	41·1	16·7	87	49	48	119	5	313	77	—	—
September	32·1	20·3	36·8	13·6	39·4	5·0	87	52	86	117	6	260	70	—	—
October	27·7	15·3	33·4	6·5	37·8	0·0	85	51	71	114	6	235	68	—	—
November	20·9	8·8	29·6	−0·3	32·8	−5·0	81	54	53	101	7	180	56	—	—
December	17·1	5·9	26·1	−3·2	32·2	−8·9	82	60	63	99	8	181	50	—	—
Year	26·0	14·3	39·3*	−7·0*	42·8	−18·9	85	55	818	220	84	2759	62	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Brownsville 25° 54′ N 97° 26′ W 5 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	21·4	11·2	27·6	1·4	30·6	−5·0	89	66	33	73	8	173	45	—	—
February	22·9	12·6	29·5	3·4	34·4	−5·6	89	64	38	108	7	166	49	—	—
March	24·9	15·0	31·4	5·9	37·2	0·0	89	61	25	50	5	182	51	—	—
April	27·9	18·6	33·6	10·7	37·8	5·0	89	59	38	160	5	198	55	—	—
May	30·6	21·6	33·6	16·4	37·8	11·7	91	60	61	123	5	282	65	—	—
June	32·6	23·7	34·8	20·6	38·3	17·8	91	60	76	208	5	302	72	—	—
July	33·6	24·2	35·8	22·2	38·9	20·0	92	56	43	92	5	343	78	—	—
August	33·8	24·1	35·7	21·5	38·3	18·9	92	57	71	112	7	315	77	—	—
September	32·1	22·6	34·9	18·4	40·0	12·8	92	61	127	254	10	247	67	—	—
October	29·5	19·2	32·8	12·3	35·0	6·7	90	59	89	169	7	235	69	—	—
November	25·0	14·6	30·7	5·8	34·4	1·1	86	60	33	89	7	164	53	—	—
December	22·3	11·9	28·3	2·7	32·2	−1·7	88	64	43	100	7	162	46	—	—
Year	28·1	18·3	36·8*	−0·3*	40·0	−5·6	90	61	677	254	78	2769	61	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

Corpus Christi 27° 46′ N 97° 30′ W 13 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	19·7	8·6	26·9	−0·5	30·0	−7·2	88	69	41	114	8	173	49	—	—
February	21·0	10·5	29·0	1·5	35·6	−7·8	87	67	43	84	7	170	53	—	—
March	23·6	13·3	30·6	3·9	34·4	−2·2	86	64	36	72	6	217	58	—	—
April	26·9	17·2	32·4	9·2	38·9	5·0	88	64	53	183	5	224	62	—	—
May	29·9	20·6	32·6	15·4	36·7	10·0	90	66	76	141	6	297	70	—	—
June	32·5	23·3	34·3	20·1	37·8	16·1	90	64	61	204	5	339	81	—	—
July	34·2	23·7	36·1	22·0	40·6	19·4	92	60	58	181	5	369	84	—	—
August	34·3	23·6	36·0	21·9	38·9	18·9	91	60	71	128	5	341	84	—	—
September	32·3	21·9	34·7	17·6	38·9	11·1	90	63	112	194	9	279	74	—	—
October	29·2	18·1	32·7	11·2	36·7	4·4	88	61	71	144	6	262	75	—	—
November	23·2	12·4	30·7	4·1	35·0	−1·7	84	61	43	101	6	202	60	—	—
December	20·4	9·7	27·4	1·2	31·1	−4·4	86	65	53	107	7	178	51	—	—
Year	27·3	16·9	37·0*	−2·2*	40·6	−7·8	88	64	718	204	75	3051	67	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	10	30	—	—

*Average of highest/lowest each year

UNITED STATES

Dallas 32° 51′ N 96° 51′ W 147 m — Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						per cent		millimetres			hours		hours	
January	13·2	2·2	24·4	−8·3	31·1	−16·7	80	62	58	131	8	159	50	—	—
February	15·3	4·1	26·6	−5·4	31·1	−16·7	79	61	63	84	8	167	52	—	—
March	19·4	7·3	29·6	−2·2	35·6	−11·7	76	54	74	135	7	215	59	—	—
April	24·1	12·6	31·7	3·3	35·6	−0·6	80	54	102	122	8	225	61	—	—
May	28·2	17·3	34·4	10·3	37·2	3·9	85	56	122	158	9	269	65	—	—
June	32·7	22·1	37·1	16·4	40·6	11·7	82	53	81	115	6	327	76	—	—
July	34·7	24·1	39·2	20·1	43·9	16·1	78	50	48	137	5	329	78	—	—
August	35·0	23·9	39·9	18·9	43·3	16·1	78	48	48	173	5	318	79	—	—
September	31·3	19·7	37·1	12·0	41·1	2·2	79	50	71	157	5	277	74	—	—
October	26·0	13·8	32·9	4·3	37·8	−1·1	80	51	69	153	5	244	69	—	—
November	18·7	6·7	27·9	−2·4	31·7	−8·3	78	54	69	127	6	197	61	—	—
December	14·4	3·4	24·6	−5·4	31·7	−11·1	80	60	69	84	7	183	53	—	—
Year	24·4	13·1	40·4*	−10·2*	43·9	−16·7	80	54	874	173	79	2910	65	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Eagle Pass 28° 43′ N 100° 30′ W 226 m — Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	18·6	4·6	28·4	−3·5	35·6	−8·9	—	—	26	67	5	—	—	—	—
February	21·3	6·7	31·9	−1·1	37·2	−8·9	—	—	24	67	5	—	—	—	—
March	26·0	9·9	35·4	1·8	40·6	−3·3	—	—	17	41	3	—	—	—	—
April	30·3	14·9	37·7	6·6	40·6	1·1	—	—	49	113	4	—	—	—	—
May	33·4	19·4	39·0	12·9	42·2	8·9	—	—	82	99	6	—	—	—	—
June	36·9	22·9	41·2	18·4	45·6	14·4	—	—	62	396	3	—	—	—	—
July	38·0	23·7	41·8	20·3	46·1	17·8	—	—	52	145	4	—	—	—	—
August	38·0	23·4	41·5	20·1	43·9	16·7	—	—	61	130	4	—	—	—	—
September	34·3	20·6	39·4	13·9	41·7	5·6	—	—	64	79	5	—	—	—	—
October	29·6	15·6	35·8	6·8	40·6	3·9	—	—	45	104	4	—	—	—	—
November	22·9	8·1	31·2	0·2	35·6	−3·9	—	—	18	34	4	—	—	—	—
December	19·1	4·4	27·4	−2·4	32·8	−7·2	—	—	26	61	5	—	—	—	—
Year	29·0	14·5	42·8*	−4·9*	46·1	−8·9	—	—	526	396	52	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

El Paso 31° 48′ N 106° 24′ W 1194 m — Texas

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						per cent		millimetres			hours		hours	
January	13·8	0·4	21·3	−7·1	23·9	−21·1	59	40	13	18	3	252	74	—	—
February	17·0	2·8	23·6	−4·9	27·2	−13·3	53	34	10	21	3	248	75	—	—
March	20·4	5·8	27·3	−2·4	31·1	−7·8	44	27	8	33	2	307	80	—	—
April	25·3	10·4	31·4	2·7	35·0	−3·3	39	23	8	22	2	335	85	—	—
May	30·2	15·3	35·6	8·4	40·0	2·2	40	22	10	37	2	376	87	—	—
June	35·0	20·2	39·5	15·1	42·8	10·0	42	23	18	33	4	379	87	—	—
July	34·8	21·5	39·3	17·8	42·8	15·6	58	34	33	46	7	339	77	—	—
August	33·9	20·8	37·7	17·3	39·4	15·0	62	38	30	51	7	337	79	—	—
September	31·1	17·6	36·0	12·1	39·4	5·0	57	36	28	55	5	323	81	—	—
October	25·8	11·7	31·5	4·9	33·9	0·0	58	36	23	45	4	295	81	—	—
November	18·5	3·7	26·1	−3·3	28·9	−8·9	55	34	8	30	2	268	81	—	—
December	14·6	1·1	21·2	−5·9	24·4	−15·0	60	41	13	27	4	256	75	—	—
Year	25·0	10·9	39·9*	−8·9*	42·8	−21·1	52	32	202	55	45	3715	80	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

*Average of highest/lowest each year

Fort Worth 32° 50′ N 97° 03′ W 166 m

Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0530	Average of observations at 1130	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	13·3	2·2	24·8	−8·3	28·9	−18·9	80	60	52	64	7	—	53	—	—
February	15·5	4·1	27·3	−5·4	31·1	−16·7	78	58	61	84	8	—	53	—	—
March	19·7	7·3	30·2	−2·6	35·6	−12·2	75	50	60	76	7	—	62	—	—
April	24·5	12·5	32·4	3·3	35·6	−1·1	78	52	94	129	8	—	64	—	—
May	28·4	17·2	34·7	10·1	37·8	5·0	84	55	125	128	9	—	65	—	—
June	33·2	21·9	37·4	16·4	41·7	11·1	82	51	74	94	6	—	75	—	—
July	35·4	23·8	39·4	20·1	42·8	15·6	78	47	45	134	5	—	77	—	—
August	35·7	23·7	40·2	19·0	44·4	14·4	76	44	45	124	5	—	76	—	—
September	31·8	19·8	37·4	12·4	41·7	4·4	78	48	71	243	6	—	71	—	—
October	26·4	14·3	33·4	4·6	41·1	−1·7	79	51	62	123	5	—	71	—	—
November	18·9	6·9	28·4	−1·9	31·7	−7·2	77	52	54	71	6	—	59	—	—
December	14·6	3·4	25·2	−6·1	32·2	−16·7	79	58	54	55	6	—	52	—	—
Year	24·8	13·1	40·7*	−10·4*	44·4	−18·9	79	52	797	243	78	—	65	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	—	18	—	—

Galveston 29° 16′ N 94° 51′ W 2 m

Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0530	Average of observations at 1130	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	15·7	9·8	22·3	−0·3	25·6	−9·4	87	75	92	70	10	153	47	—	—
February	16·8	10·9	23·2	1·7	28·3	−7·8	87	75	82	212	9	159	48	—	—
March	19·4	13·4	25·3	4·6	28·9	−2·8	85	73	75	116	7	205	55	—	—
April	23·1	17·6	27·7	9·6	32·8	3·3	86	73	79	140	7	228	61	—	—
May	27·0	21·8	30·0	15·9	33·3	11·1	85	71	72	124	6	294	69	—	—
June	30·1	25·2	32·7	20·6	35·6	15·6	82	70	68	353	6	336	76	—	—
July	31·3	25·9	34·3	22·2	38·3	19·4	84	69	127	249	9	322	71	—	—
August	31·4	26·0	33·9	22·1	36·7	21·1	83	69	112	212	9	293	71	—	—
September	29·6	24·1	32·9	18·6	34·4	11·1	83	67	142	214	9	260	69	—	—
October	26·0	20·2	30·3	12·1	34·4	7·2	83	66	81	197	6	263	74	—	—
November	20·5	13·9	26·6	4·9	28·9	−1·7	83	68	93	229	7	195	62	—	—
December	17·2	10·8	23·1	1·6	25·6	−5·0	86	74	106	103	10	157	47	—	—
Year	24·0	18·3	35·0*	−2·4*	38·3	−9·4	85	71	1129	353	95	2865	63	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Houston 29° 46′ N 95° 22′ W 12 m

Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily Max.	Average daily Min.	Average monthly Max.	Average monthly Min.	Absolute Max.	Absolute Min.	Average of observations at 0530	Average of observations at 1130	Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·9	7·9	25·3	−2·8	27·8	−12·2	85	65	94	79	11	158	45	—	—
February	18·4	9·3	26·4	−0·4	32·2	−10·6	86	64	82	94	10	157	46	—	—
March	21·6	12·0	28·9	2·3	35·6	−6·1	84	58	61	93	9	204	52	—	—
April	25·2	16·0	30·8	7·7	33·9	2·8	88	59	87	95	8	220	56	—	—
May	29·1	19·9	32·8	14·0	35·0	7·8	90	58	113	179	7	289	63	—	—
June	32·4	23·2	35·6	19·1	37·8	13·9	90	57	97	177	8	328	71	—	—
July	33·5	24·3	36·8	21·4	40·6	20·0	91	58	131	176	10	322	69	—	—
August	33·5	24·2	36·8	20·9	39·4	17·2	92	58	90	230	9	301	68	—	—
September	31·2	21·8	35·3	15·6	37·2	7·2	90	59	97	110	9	260	64	—	—
October	27·5	17·3	32·6	8·8	36·1	2·8	88	55	91	150	6	257	67	—	—
November	21·3	11·5	28·9	2·2	31·7	−2·2	85	57	103	275	8	194	57	—	—
December	18·1	9·0	25·9	−0·8	28·9	−6·7	86	64	104	137	10	169	46	—	—
Year	25·7	16·4	37·5*	−4·6*	40·6	−12·2	88	59	1150	275	105	2859	59	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

*Average of highest/lowest each year

UNITED STATES

Laredo 27° 32′ N 99° 28′ W 152 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	20·2	8·2	30·9	−1·4	36·7	−6·7	82	57	28	53	6	—	—	—	—
February	22·6	10·5	32·7	0·2	37·8	−7·8	81	55	23	52	5	—	—	—	—
March	26·7	13·8	36·3	3·6	40·6	−2·2	78	49	15	36	4	—	—	—	—
April	30·6	17·4	39·1	8·8	44·4	2·2	79	49	43	136	4	—	—	—	—
May	33·9	21·2	39·4	15·3	43·3	11·1	84	50	71	103	6	—	—	—	—
June	36·7	24·1	40·5	19·8	46·1	15·0	84	47	51	75	4	—	—	—	—
July	37·8	24·7	40·8	21·7	43·3	16·1	83	42	36	90	3	—	—	—	—
August	37·2	24·6	40·7	21·6	45·0	16·7	83	43	43	125	4	—	—	—	—
September	34·6	22·6	38·9	16·4	41·1	7·8	85	48	74	103	7	—	—	—	—
October	30·2	18·4	36·0	9·3	39·4	2·2	83	51	41	119	5	—	—	—	—
November	24·2	12·2	33·3	2·1	37·2	−2·8	79	51	23	49	3	—	—	—	—
December	20·9	8·8	29·7	−0·3	35·0	−5·6	78	55	30	66	6	—	—	—	—
Year	29·6	17·2	42·3*	−2·7*	46·1	−7·8	82	50	478	136	57	—	—	—	—
No. of Years	17	17	30	30	30	30	13	13	30	30	30	—	—	—	—

Lubbock 33° 39′ N 101° 50′ W 988 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	11·7	−3·7	22·8	−12·7	27·2	−22·8	72	49	18	50	4	—	—	—	—
February	14·1	−1·8	25·4	−11·6	30·6	−27·2	71	48	15	21	4	—	—	—	—
March	18·3	1·3	28·7	−8·0	35·0	−16·7	65	39	18	40	3	—	—	—	—
April	23·6	6·9	32·5	−2·1	35·6	−7·2	70	39	28	40	4	—	—	—	—
May	27·8	12·4	36·3	4·6	40·0	−0·6	77	44	81	110	8	—	—	—	—
June	33·0	17·6	39·4	11·5	42·8	6·7	76	42	63	73	7	—	—	—	—
July	33·6	19·2	38·7	14·7	42·8	10·6	78	47	51	46	6	—	—	—	—
August	33·2	18·8	38·2	14·3	41·7	10·6	78	46	43	85	5	—	—	—	—
September	29·1	14·7	35·6	7·5	39·4	2·2	78	47	61	140	5	—	—	—	—
October	23·8	8·6	32·3	0·3	36·1	−3·9	78	48	51	88	5	—	—	—	—
November	16·9	0·7	27·0	−7·5	31·1	−18·3	71	41	13	40	3	—	—	—	—
December	12·6	−2·6	22·9	−10·5	28·3	−18·3	67	44	18	38	3	—	—	—	—
Year	23·1	7·7	40·4*	−15·7*	42·8	−27·2	73	45	460	140	57	—	—	—	—
No. of Years	30	30	30	30	30	30	13	13	30	30	30	—	—	—	—

Miami 35° 52′ N 100° 38′ W 836 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·1	−6·4	22·1	−15·6	26·7	−26·1	—	—	18	40	3	—	—	—	—
February	12·1	−4·0	24·4	−13·6	30·0	−24·4	—	—	17	31	3	—	—	—	—
March	14·5	−1·2	27·9	−10·3	33·3	−20·6	—	—	25	27	4	—	—	—	—
April	21·4	5·3	32·4	−3·8	36·7	−12·2	—	—	41	44	6	—	—	—	—
May	25·9	11·2	34·9	2·7	38·9	−3·3	—	—	96	152	9	—	—	—	—
June	31·9	17·1	38·2	9·8	42·8	3·9	—	—	76	93	7	—	—	—	—
July	33·6	18·9	39·3	14·1	43·9	7·8	—	—	59	66	6	—	—	—	—
August	33·7	18·3	39·7	12·9	43·9	9·4	—	—	62	56	6	—	—	—	—
September	30·1	13·3	36·6	5·2	40·6	0·6	—	—	50	81	5	—	—	—	—
October	23·9	6·6	32·8	−1·8	36·1	−5·6	—	—	47	113	5	—	—	—	—
November	16·1	−1·8	26·3	−9·6	30·0	−15·0	—	—	17	71	2	—	—	—	—
December	11·6	−5·1	22·8	−13·1	28·9	−19·4	—	—	23	48	3	—	—	—	—
Year	22·1	6·0	40·6*	−18·4*	43·9	−26·1	—	—	531	152	59	—	—	—	—
No. of Years	13	13	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Midland 31° 56′ N 102° 12′ W 870 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	13·9	−0·6	24·6	−9·1	30·6	−16·7	—	—	20	34	3	—	—	—	—
February	16·2	1·9	27·2	−7·4	31·7	−18·3	—	—	15	28	4	—	—	—	—
March	20·5	5·3	30·2	−4·7	36·1	−12·2	—	—	10	32	3	—	—	—	—
April	25·8	10·7	33·6	−0·1	37·2	−3·9	—	—	20	43	3	—	—	—	—
May	30·1	15·9	36·8	7·2	41·7	3·9	—	—	53	47	5	—	—	—	—
June	33·9	20·7	40·2	13·4	42·8	8·3	—	—	41	51	4	—	—	—	—
July	34·7	21·8	39·2	16·6	43·3	9·4	—	—	48	65	5	—	—	—	—
August	34·5	21·2	39·4	16·3	45·0	11·1	—	—	38	39	4	—	—	—	—
September	30·9	17·3	36·9	10·6	41·7	2·8	—	—	46	58	5	—	—	—	—
October	25·9	11·7	33·1	3·4	37·8	−0·6	—	—	43	53	4	—	—	—	—
November	19·1	3·7	27·9	−4·2	30·6	−8·9	—	—	13	28	2	—	—	—	—
December	15·3	0·1	24·7	−7·2	29·4	−13·3	—	—	18	51	3	—	—	—	—
Year	25·1	10·8	43·9*	−11·2*	45·0	−18·3	—	—	365	65	45	—	—	—	—
No. of Years	30	30	24	24	24	24	—	—	30	24	24	—	—	—	—

Palestine 31° 45′ N 95° 40′ W 150 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						per cent		millimetres			hours		hours	
January	14·3	4·1	24·4	−6·3	28·9	−15·0	—	—	89	129	10	—	—	—	—
February	16·3	7·8	25·9	−4·0	30·0	−15·0	—	—	83	90	10	—	—	—	—
March	20·0	8·5	28·6	−1·1	35·0	−10·0	—	—	86	75	8	—	—	—	—
April	24·4	13·2	30·8	4·5	33·9	0·6	—	—	98	123	8	—	—	—	—
May	28·2	17·6	32·6	11·1	35·6	4·4	—	—	123	189	8	—	—	—	—
June	32·2	21·4	35·5	16·9	39·4	11·7	—	—	72	110	6	—	—	—	—
July	33·9	22·8	37·6	19·9	45·6	17·2	—	—	67	128	7	—	—	—	—
August	34·4	22·5	38·1	18·6	43·3	15·0	—	—	62	221	7	—	—	—	—
September	31·5	19·3	36·2	12·2	42·2	5·6	—	—	75	164	6	—	—	—	—
October	26·8	14·7	32·5	5·4	38·3	−1·1	—	—	75	225	5	—	—	—	—
November	19·6	7·9	28·1	−1·1	30·6	−5·6	—	—	97	307	7	—	—	—	—
December	15·6	5·1	24·8	−4·6	28·3	−11·1	—	—	104	136	9	—	—	—	—
Year	24·8	13·7	38·8*	−8·7*	45·6	−15·0	—	—	1031	307	91	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

San Angelo 31° 22′ N 100° 30′ W 580 m Texas

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						per cent		millimetres			hours		hours	
January	14·9	0·8	25·8	−8·9	31·7	−17·2	73	51	25	24	5	—	—	—	—
February	17·0	2·5	28·3	−6·7	32·8	−17·2	73	50	23	39	4	—	—	—	—
March	21·7	6·3	31·1	−3·2	37·2	−11·7	66	41	23	98	3	—	—	—	—
April	26·2	11·2	34·1	1·6	37·8	−2·2	70	43	51	70	5	—	—	—	—
May	30·0	16·1	37·1	8·1	41·7	2·2	78	46	81	78	7	—	—	—	—
June	34·1	20·7	39·1	15·3	42·8	11·7	77	45	46	67	5	—	—	—	—
July	35·3	21·8	39·4	18·1	43·9	15·0	74	43	36	54	5	—	—	—	—
August	35·3	21·8	39·7	17·5	43·9	13·9	72	41	33	52	4	—	—	—	—
September	31·3	17·9	37·2	11·0	41·7	2·2	76	46	69	298	5	—	—	—	—
October	26·4	12·2	33·7	3·4	37·8	−1·7	77	48	46	126	5	—	—	—	—
November	19·4	5·0	28·7	−3·7	32·8	−8·3	72	44	20	83	4	—	—	—	—
December	15·8	1·7	25·6	−5·9	32·8	−13·3	71	47	23	38	4	—	—	—	—
Year	25·6	11·5	40·8*	−10·8*	43·9	−17·2	73	45	476	298	56	—	—	—	—
No. of Years	29	29	30	30	30	30	12	12	30	30	30	—	—	—	—

*Average of highest/lowest each year

San Antonio 29° 32′ N 98° 28′ W 240 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	16·8	5·3	26·2	−4·2	29·4	−17·8	81	62	43	72	8	157	46	—	—
February	18·9	7·1	28·4	−2·4	34·4	−14·4	81	60	43	50	8	166	49	—	—
March	22·4	9·8	31·7	0·4	36·1	−6·1	79	54	43	64	7	215	57	—	—
April	26·0	14·2	33·2	5·4	37·2	1·1	82	54	71	70	8	216	58	—	—
May	29·6	18·6	34·7	12·0	38·3	6·7	88	57	89	173	8	266	61	—	—
June	33·1	22·3	37·1	17·7	41·1	14·4	88	54	74	157	6	303	70	—	—
July	34·4	23·3	38·3	20·4	41·1	18·3	88	50	53	123	5	344	76	—	—
August	34·6	23·0	38·4	19·8	41·1	17·2	88	49	61	141	5	328	75	—	—
September	31·4	20·4	36·6	14·4	38·9	5·0	87	53	89	134	7	277	71	—	—
October	27·5	15·3	33·4	7·2	37·2	1·1	83	53	63	134	6	246	68	—	—
November	21·3	9·2	29·5	−0·1	32·8	−5·0	80	54	36	36	6	178	57	—	—
December	18·6	5·6	26·7	−2·6	32·2	−10·0	80	59	43	73	8	181	50	—	—
Year	26·2	14·5	39·3*	−6·1*	41·1	−17·8	84	55	708	173	82	2877	61	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Waco 31° 37′ N 97° 13′ W 152 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	14·4	3·1	25·4	−6·9	32·2	−20·6	81	62	57	51	8	—	—	—	—
February	16·2	5·2	27·0	−4·7	32·2	−15·0	82	61	64	79	8	—	—	—	—
March	20·7	8·1	29·9	−1·4	35·6	−9·4	78	53	64	78	7	—	—	—	—
April	25·3	13·2	32·0	3·6	35·0	−2·2	83	57	93	87	7	—	—	—	—
May	29·2	17·8	34·4	10·7	37·2	6·1	88	59	115	118	9	—	—	—	—
June	33·5	22·0	37·3	16·9	41·7	13·3	86	54	67	163	6	—	—	—	—
July	35·5	23·7	39·1	20·6	42·2	15·6	84	51	45	69	5	—	—	—	—
August	35·9	23·6	39·5	19·4	43·9	14·4	82	48	42	104	4	—	—	—	—
September	32·2	19·9	37·1	12·5	40·6	3·9	83	52	73	153	6	—	—	—	—
October	27·2	14·3	33·1	5·2	37·8	0·0	84	54	61	84	5	—	—	—	—
November	19·8	7·4	29·0	−1·6	33·3	−7·2	80	54	58	96	6	—	—	—	—
December	15·8	4·1	25·5	−4·6	32·8	−9·4	80	59	65	79	7	—	—	—	—
Year	25·5	13·5	40·3*	−8·7*	43·9	−20·6	83	55	804	163	78	—	—	—	—
No. of Years	30	30	30	30	30	30	20	20	30	30	30	—	—	—	—

Wichita Falls 33° 58′ N 98° 29′ W 303 m Texas

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0530	1130							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	12·1	−0·4	24·4	−10·3	30·6	−24·4	75	54	28	41	5	—	—	—	—
February	14·4	1·7	27·1	−8·1	31·1	−18·3	74	52	36	75	6	—	—	—	—
March	19·1	5·1	30·4	−4·9	36·7	−14·4	69	45	38	50	5	—	—	—	—
April	24·5	10·8	33·7	1·0	37·2	−3·3	73	46	63	56	6	—	—	—	—
May	28·6	15·7	35·9	8·1	41·1	2·2	81	54	117	100	9	—	—	—	—
June	33·7	20·9	38·8	14·6	42·8	10·6	77	49	81	78	6	—	—	—	—
July	36·2	23·0	40·6	18·5	43·9	13·9	75	48	51	66	5	—	—	—	—
August	36·5	22·9	41·3	17·2	45·0	13·3	72	42	46	60	5	—	—	—	—
September	32·1	18·6	38·4	10·4	42·2	3·3	74	43	58	82	5	—	—	—	—
October	26·2	12·6	34·2	2·7	38·9	−3·9	75	48	74	99	5	—	—	—	—
November	18·2	4·8	28·1	−4·0	31·1	−10·0	71	44	36	43	4	—	—	—	—
December	13·2	0·9	24·4	−7·5	31·1	−13·9	72	49	38	61	5	—	—	—	—
Year	24·6	11·4	41·8*	−12·4*	45·0	−24·4	74	48	666	100	66	—	—	—	—
No. of Years	30	30	30	30	30	30	13	13	30	30	30	—	—	—	—

*Average of highest/lowest each year

Bluff 37° 17′ N 109° 33′ W 1315 m

Utah

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·9	−6·7	13·0	−13·9	20·6	−24·4	—	—	19	20	5	—	—	—	—
February	11·3	−4·4	17·1	−10·6	21·7	−25·0	—	—	19	20	5	—	—	—	—
March	16·1	−1·3	23·3	−6·6	28·9	−9·4	—	—	14	23	4	—	—	—	—
April	22·1	3·5	28·6	−2·4	34·4	−7·8	—	—	13	17	3	—	—	—	—
May	27·1	8·2	33·4	2·4	36·7	−1·7	—	—	10	16	3	—	—	—	—
June	32·8	11·9	38·2	6·4	41·1	1·7	—	—	7	25	2	—	—	—	—
July	36·1	16·1	39·7	11·7	42·2	7·8	—	—	13	47	4	—	—	—	—
August	34·6	15·0	38·7	11·1	41·1	4·4	—	—	22	46	5	—	—	—	—
September	31·1	9·1	35·9	4·6	37·8	−0·6	—	—	22	34	4	—	—	—	—
October	23·6	3·4	29·5	−2·4	32·2	−8·3	—	—	22	27	4	—	—	—	—
November	15·0	−3·7	20·6	−9·3	23·9	−18·3	—	—	12	24	3	—	—	—	—
December	7·7	−7·0	13·7	−12·8	20·6	−23·3	—	—	21	23	4	—	—	—	—
Year	21·9	3·7	39·9*	−16·5*	42·2	−25·0	—	—	194	47	46	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Brigham City 41° 29′ N 112° 02′ W 1311 m

Utah

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·2	−7·7	8·8	−18·8	15·0	−28·9	—	—	51	51	9	—	—	—	—
February	5·2	−5·1	12·5	−15·9	19·4	−32·8	—	—	42	36	8	—	—	—	—
March	10·2	−1·6	19·0	−9·9	24·4	−17·8	—	—	47	43	8	—	—	—	—
April	16·6	3·3	25·5	−3·7	29·4	−12·8	—	—	54	43	8	—	—	—	—
May	22·5	7·8	30·8	0·9	33·9	−2·8	—	—	44	108	7	—	—	—	—
June	27·5	11·8	35·3	4·8	39·4	1·7	—	—	34	53	4	—	—	—	—
July	33·4	16·2	37·2	9·6	42·2	5·6	—	—	10	19	2	—	—	—	—
August	31·9	14·6	36·7	8·0	38·9	2·8	—	—	15	30	3	—	—	—	—
September	26·8	9·3	33·1	2·4	35·6	−2·8	—	—	24	39	3	—	—	—	—
October	19·3	4·1	26·8	−2·9	31·1	−7·8	—	—	39	34	5	—	—	—	—
November	9·4	−2·1	17·3	−9·8	23·3	−25·0	—	—	46	50	6	—	—	—	—
December	4·6	−4·9	11·8	−14·6	17·8	−28·9	—	—	45	51	8	—	—	—	—
Year	17·5	3·8	37·9*	−20·5*	42·2	−32·8	—	—	451	108	71	—	—	—	—
No. of Years	27	27	30	30	30	30	—	—	30	30	30	—	—	—	—

Milford 38° 26′ N 113° 01′ W 1533 m

Utah

Period 1931–60 Bibliography 23, 25	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·8	−11·1	11·2	−22·2	18·3	−36·7	82	68	15	22	5	—	—	—	—
February	5·7	−8·2	15·1	−19·2	21·1	−32·8	83	63	18	19	5	—	—	—	—
March	11·3	−4·2	21·4	−12·6	25·6	−20·6	71	44	25	33	6	—	—	—	—
April	17·6	−0·1	26·4	−6·9	30·6	−12·2	68	33	18	23	4	—	—	—	—
May	22·9	4·2	30·7	−2·4	35·6	−6·7	68	30	18	25	4	—	—	—	—
June	28·8	8·3	35·7	1·8	40·0	−3·3	55	23	10	44	2	—	—	—	—
July	33·4	13·1	38·2	7·4	40·0	2·8	59	25	18	46	3	—	—	—	—
August	32·3	12·4	37·2	6·2	39·4	1·7	58	27	18	35	3	—	—	—	—
September	27·4	7·2	34·2	−1·1	37·2	−5·0	54	26	10	24	2	—	—	—	—
October	19·5	1·2	27·8	−6·8	30·0	−13·9	67	35	20	46	3	—	—	—	—
November	10·7	−6·2	20·7	−15·1	25·6	−25·0	78	49	13	22	4	—	—	—	—
December	5·2	−9·4	14·0	−20·3	18·9	−32·2	82	64	18	25	5	—	—	—	—
Year	18·1	0·6	38·4*	−26·2*	40·0	−36·7	69	41	201	46	46	—	—	—	—
No. of Years	30	30	30	30	30	30	10	13	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Moab 38° 36′ N 109° 36′ W 1209 m — Utah

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	5·9	−7·6	13·1	−14·9	19·4	−21·7	—	—	13	15	5	—	—	—	—
February	10·1	−4·1	17·4	−10·9	22·2	−22·8	—	—	17	13	5	—	—	—	—
March	16·2	−0·2	23·7	−7·6	29·4	−12·8	—	—	18	17	5	—	—	—	—
April	22·6	4·9	29·3	−2·0	32·8	−7·2	—	—	20	22	5	—	—	—	—
May	27·9	9·1	34·5	2·4	38·3	−0·6	—	—	14	31	4	—	—	—	—
June	33·5	13·5	39·1	6·6	45·0	2·8	—	—	11	28	3	—	—	—	—
July	37·0	16·8	40·7	11·3	43·9	6·7	—	—	12	44	3	—	—	—	—
August	35·2	15·9	39·2	10·0	42·2	4·4	—	—	22	38	4	—	—	—	—
September	30·9	10·9	35·8	4·2	40·0	−2·2	—	—	19	46	3	—	—	—	—
October	23·4	4·3	30·0	−2·4	34·4	−10·0	—	—	26	36	4	—	—	—	—
November	13·3	−2·8	21·2	−9·5	26·7	−16·7	—	—	17	24	3	—	—	—	—
December	7·3	−6·1	14·1	−12·6	20·0	−23·9	—	—	18	22	4	—	—	—	—
Year	21·9	4·5	40·9*	−17·0*	45·0	−23·9	—	—	207	46	48	—	—	—	—
No. of Years	29	29	30	30	30	30	—	—	30	30	30	—	—	—	—

Salt Lake City 40° 46′ N 111° 58′ W 1286 m — Utah

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0430	1030							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·8	−5·6	11·0	−14·1	16·7	−23·9	81	70	33	61	9	127	45	—	—
February	5·8	−3·2	14·4	−11·6	20·6	−23·3	78	64	30	27	8	160	52	—	—
March	10·6	0·1	20·4	−6·8	25·6	−10·6	72	50	41	27	9	213	61	—	—
April	16·7	4·6	25·8	−1·9	29·4	−9·4	67	41	46	37	8	267	67	—	—
May	22·1	8·7	31·1	1·9	33·9	−1·1	64	36	36	46	7	327	73	—	—
June	27·6	13·1	35·4	6·3	39·4	2·8	60	30	25	42	5	367	79	—	—
July	33·2	18·2	38·2	12·2	41·7	7·2	52	26	15	24	4	386	82	—	—
August	31·9	16·9	36·8	10·8	39·4	5·6	53	27	23	42	5	344	81	—	—
September	26·6	11·6	33·9	4·3	36·1	−1·1	58	30	13	25	4	309	82	—	—
October	18·6	6·4	28·0	−0·9	31·1	−7·8	66	40	28	42	6	263	72	—	—
November	9·8	−0·6	18·9	−8·2	23·3	−25·6	76	56	33	33	7	175	57	—	—
December	4·9	−3·6	13·2	−11·2	20·0	−22·2	81	68	30	21	8	135	47	—	—
Year	17·5	5·5	38·4*	−16·2*	41·7	−25·6	67	45	353	61	80	3073	67	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Spanish Fork 40° 05′ N 111° 37′ W 1436 m — Utah

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·9	−6·6	10·9	−17·2	17·2	−26·7	—	—	45	34	9	—	—	—	—
February	6·0	−5·3	14·4	−14·7	19·4	−27·2	—	—	42	24	8	—	—	—	—
March	11·2	−1·7	20·9	−9·6	26·7	−17·2	—	—	50	29	8	—	—	—	—
April	17·9	3·6	26·9	−4·3	30·6	−10·0	—	—	46	32	7	—	—	—	—
May	22·6	6·9	31·3	0·5	33·9	−3·3	—	—	37	46	6	—	—	—	—
June	29·2	11·1	36·5	4·3	40·0	0·6	—	—	24	36	4	—	—	—	—
July	33·6	14·9	38·9	9·7	42·2	6·7	—	—	18	23	4	—	—	—	—
August	32·3	14·2	37·3	9·1	40·0	3·9	—	—	21	34	5	—	—	—	—
September	27·7	10·1	34·4	2·6	36·7	−1·7	—	—	19	30	4	—	—	—	—
October	20·2	4·4	28·3	−2·4	31·7	−8·9	—	—	38	33	6	—	—	—	—
November	10·6	−1·9	19·9	−10·7	24·4	−21·1	—	—	40	42	6	—	—	—	—
December	5·1	−5·7	13·1	−14·4	18·3	−24·4	—	—	43	45	8	—	—	—	—
Year	18·4	3·7	39·0*	−19·2*	42·2	−27·2	—	—	423	46	75	—	—	—	—
No. of Years	13	13	30	30	30	30	—	—	30	30	30	—	—	—	—

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*Average of highest/lowest each year

UNITED STATES

Vernal 40° 27′ N 109° 31′ W 1609 m

Utah

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−1·3	−16·6	6·4	−25·6	13·9	−38·9	—	—	14	19	3	—	—	—	—
February	2·6	−13·7	9·9	−23·8	17·2	−35·6	—	—	13	28	2	—	—	—	—
March	9·9	−6·9	18·1	−14·8	23·9	−24·4	—	—	16	22	3	—	—	—	—
April	16·6	−1·6	24·8	−8·9	28·9	−14·4	—	—	23	24	4	—	—	—	—
May	22·6	2·8	29·8	−3·7	32·8	−11·1	—	—	17	23	3	—	—	—	—
June	27·7	6·2	33·6	0·5	37·8	−3·9	—	—	18	35	3	—	—	—	—
July	31·8	9·7	35·8	4·9	39·4	1·1	—	—	13	20	3	—	—	—	—
August	30·8	8·4	34·7	3·6	37·2	0·0	—	—	20	29	4	—	—	—	—
September	26·4	3·8	32·1	−1·8	36·1	−6·7	—	—	18	33	3	—	—	—	—
October	19·1	−0·9	26·4	−7·4	28·9	−13·3	—	—	21	28	3	—	—	—	—
November	9·0	−8·1	17·3	−15·3	27·8	−26·7	—	—	12	26	2	—	—	—	—
December	1·6	−13·1	8·6	−21·9	13·3	−35·6	—	—	18	30	3	—	—	—	—
Year	16·4	−2·5	36·1*	−28·4*	39·4	−38·9	—	—	203	35	36	—	—	—	—
No. of Years	29	28	30	29	30	29	—	—	30	30	30	—	—	—	—

Wendover 40° 44′ N 114° 02′ W 1319 m

Utah

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·2	−7·5	10·6	−14·9	16·7	−25·0	—	—	8	15	3	—	—	—	—
February	5·6	−4·7	13·3	−12·7	18·3	−28·3	—	—	8	16	3	—	—	—	—
March	11·4	−0·4	19·6	−7·0	24·4	−10·6	—	—	10	14	3	—	—	—	—
April	16·7	4·3	26·2	−2·3	30·6	−10·6	—	—	13	23	4	—	—	—	—
May	22·8	9·8	31·3	3·0	35·0	−5·6	—	—	17	24	4	—	—	—	—
June	27·8	14·3	36·5	6·7	40·6	−0·6	—	—	12	23	3	—	—	—	—
July	33·7	19·3	38·5	13·6	44·4	8·3	—	—	8	18	2	—	—	—	—
August	32·5	18·2	37·5	12·5	40·0	5·6	—	—	9	32	2	—	—	—	—
September	26·7	12·6	33·9	5·6	37·8	−0·6	—	—	8	34	2	—	—	—	—
October	18·3	5·6	26·4	−0·8	30·0	−5·0	—	—	10	25	3	—	—	—	—
November	8·7	−2·1	17·4	−8·9	22·8	−14·4	—	—	7	27	2	—	—	—	—
December	3·6	−5·7	12·3	−12·6	16·1	−23·9	—	—	7	10	4	—	—	—	—
Year	17·5	5·3	39·1*	−16·8*	44·4	−28·3	—	—	117	34	35	—	—	—	—
No. of Years	28	28	28	28	28	28	—	—	29	28	29	—	—	—	—

Zion Park 37° 13′ N 112° 59′ W 1234 m

Utah

Period 1943–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·6	−1·7	17·9	−9·8	21·7	−17·8	—	—	39	22	6	—	—	—	—
February	14·0	−0·2	21·4	−7·9	25·6	−14·4	—	—	37	28	5	—	—	—	—
March	17·7	1·9	25·3	−4·9	30·0	−9·4	—	—	41	23	7	—	—	—	—
April	23·6	6·6	30·8	−0·8	34·4	−3·9	—	—	29	36	5	—	—	—	—
May	28·7	11·1	35·6	3·0	38·9	−0·6	—	—	21	46	3	—	—	—	—
June	34·6	15·7	41·3	9·1	45·6	4·4	—	—	19	55	2	—	—	—	—
July	38·2	19·9	42·8	15·9	46·1	11·7	—	—	18	43	4	—	—	—	—
August	36·5	18·8	41·2	14·6	43·3	12·2	—	—	34	41	6	—	—	—	—
September	33·7	15·9	39·6	9·8	43·3	4·4	—	—	17	31	3	—	—	—	—
October	26·3	9·8	33·1	1·9	36·1	−1·1	—	—	29	24	4	—	—	—	—
November	17·3	2·7	24·9	−5·6	28·3	−10·6	—	—	26	23	4	—	—	—	—
December	11·7	−0·6	18·2	−8·3	21·7	−13·9	—	—	41	48	5	—	—	—	—
Year	24·4	8·3	43·1*	−11·3*	46·1	−17·8	—	—	351	55	54	—	—	—	—
No. of Years	18	18	18	18	18	18	—	—	18	18	18	—	—	—	—

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*Average of highest/lowest each year

UNITED STATES

Burlington 44° 28′ N 73° 12′ W 101 m — Vermont

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·8	−12·3	8·3	−25·2	17·2	−34·4	80	70	48	44	13	105	36	—	—
February	−1·9	−12·0	7·8	−25·0	15·6	−33·3	78	66	46	43	11	132	44	—	—
March	3·2	−6·2	13·9	−18·2	28·9	−31·1	77	62	53	35	12	181	50	—	—
April	11·4	0·9	23·3	−6·2	30·0	−12·8	73	57	66	36	12	195	48	—	—
May	19·0	7·2	28·7	−0·8	32·8	−3·9	71	53	76	57	12	256	55	—	—
June	24·3	12·6	32·5	4·6	35·6	1·7	75	56	89	113	10	278	61	—	—
July	27·0	15·3	33·3	8·9	37·2	6·7	76	55	99	62	11	302	65	—	—
August	25·8	14·1	32·8	7·4	38·3	3·9	79	56	86	91	9	267	64	—	—
September	20·9	9·9	29·8	0·7	35·0	−3·3	83	61	84	74	9	203	55	—	—
October	14·5	4·0	24·4	−4·1	29·4	−7·2	81	61	76	107	9	160	47	—	—
November	6·8	−1·2	17·7	−12·2	23·9	−19·4	80	68	66	44	12	83	27	—	—
December	−0·6	−9·2	10·1	−23·0	19·4	−33·9	79	70	53	66	13	89	30	—	—
Year	12·3	1·9	34·2*	−28·1*	38·3	−34·4	78	61	842	113	133	2251	49	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Rutland 43° 36′ N 72° 58′ W 189 m — Vermont

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−0·6	−11·3	10·8	−24·7	21·1	−32·8	—	—	65	51	13	—	—	—	—
February	0·5	−10·9	10·4	−24·7	18·3	−34·4	—	—	52	37	11	—	—	—	—
March	5·3	−5·7	16·4	−18·6	27·2	−28·9	—	—	64	59	13	—	—	—	—
April	13·1	1·1	24·7	−6·8	31·7	−12·2	—	—	75	57	12	—	—	—	—
May	20·3	6·6	28·9	−2·1	32·8	−4·4	—	—	92	75	13	—	—	—	—
June	24·9	11·7	32·2	3·4	35·0	−2·2	—	—	103	89	12	—	—	—	—
July	27·3	14·2	32·7	6·9	36·1	3·9	—	—	112	110	12	—	—	—	—
August	26·1	12·9	32·1	4·9	36·1	0·0	—	—	84	97	10	—	—	—	—
September	21·8	8·9	29·9	−1·0	33·9	−5·0	—	—	97	65	10	—	—	—	—
October	16·1	3·4	25·9	−5·7	29·4	−8·9	—	—	72	55	10	—	—	—	—
November	8·6	−1·5	20·1	−12·3	26·1	−23·3	—	—	80	63	12	—	—	—	—
December	1·2	−8·4	12·1	−22·6	19·4	−34·4	—	—	59	61	12	—	—	—	—
Year	13·7	1·7	33·4*	−27·8*	36·1	−34·4	—	—	955	110	140	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Charlottesville 38° 02′ N 78° 31′ W 265 m — Virginia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·7	−2·0	19·6	−10·9	27·2	−18·9	—	—	85	50	10	—	—	—	—
February	8·9	−1·7	20·7	−10·5	28·9	−17·8	—	—	71	51	8	—	—	—	—
March	13·1	1·7	25·4	−6·5	31·7	−13·9	—	—	99	97	10	—	—	—	—
April	19·9	7·4	31·6	−0·9	35·0	−6·1	—	—	94	130	10	—	—	—	—
May	25·3	12·9	33·1	5·2	37·8	0·0	—	—	94	56	11	—	—	—	—
June	29·0	17·4	35·4	10·8	40·6	6·1	—	—	97	58	11	—	—	—	—
July	30·9	19·4	36·4	14·3	41·1	10·6	—	—	142	75	12	—	—	—	—
August	30·1	18·7	35·9	13·3	40·6	10·0	—	—	119	137	11	—	—	—	—
September	26·7	15·3	34·6	7·2	41·7	1·1	—	—	105	203	8	—	—	—	—
October	21·1	9·4	30·1	0·9	36·7	−2·8	—	—	83	113	8	—	—	—	—
November	14·4	3·8	24·8	−5·3	31·1	−12·2	—	—	77	60	8	—	—	—	—
December	8·5	−1·1	19·7	−10·2	26·1	−16·7	—	—	87	88	8	—	—	—	—
Year	19·6	8·4	37·4*	−12·9*	41·7	−18·9	—	—	1153	203	115	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Norfolk 36° 53′ N 76° 12′ W 8 m — Virginia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	10·1	0·1	22·0	−6·2	25·6	−12·2	79	62	84	103	10	174	50	—	—
February	10·6	0·1	22·3	−6·2	26·7	−14·4	76	58	81	52	11	175	56	—	—
March	14·0	3·7	26·2	−2·8	31·7	−8·9	76	55	89	81	11	220	61	—	—
April	20·0	8·8	30·6	2·9	36·1	−1·1	75	52	81	96	10	260	65	—	—
May	25·2	14·3	32·9	8·6	36·7	2·2	77	55	86	73	10	294	69	—	—
June	29·4	19·1	35·7	14·4	39·4	10·6	78	57	91	128	10	319	69	—	—
July	31·1	20·9	36·1	17·8	40·0	15·6	82	60	150	127	12	301	66	—	—
August	30·1	20·4	35·3	17·3	38·3	13·3	84	62	152	174	11	272	65	—	—
September	27·2	17·9	33·9	12·8	36·7	8·9	84	62	107	165	8	235	63	—	—
October	21·6	11·7	29·5	5·8	35·0	1·1	84	60	74	94	8	207	63	—	—
November	16·1	5·4	25·3	−1·1	30·6	−6·1	81	57	79	92	9	185	59	—	—
December	11·0	0·6	21·6	−5·6	25·6	−12·8	79	60	69	51	9	175	54	—	—
Year	20·5	10·3	36·9*	−8·4*	40·0	−14·4	80	58	1143	174	119	2817	62	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Richmond 37° 30′ N 77° 20′ W 49 m — Virginia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0730	1330							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	9·1	−1·7	20·9	−10·3	26·7	−17·8	81	60	89	66	10	149	47	—	—
February	10·3	−1·6	21·8	−8·9	27·2	−18·3	79	54	74	59	10	164	54	—	—
March	15·1	2·4	25·9	−5·2	31·7	−11·7	77	51	86	56	11	214	58	—	—
April	21·3	7·7	30·7	0·0	35·6	−2·8	76	48	79	93	10	250	63	—	—
May	26·3	12·6	32·9	5·7	36·7	−0·6	79	51	94	58	11	279	66	—	—
June	30·4	17·4	35·8	11·6	40·0	6·1	77	53	94	94	10	306	66	—	—
July	31·9	19·3	36·5	15·1	40·6	11·1	84	56	142	145	12	310	64	—	—
August	30·3	18·6	35·6	13·8	39·4	10·0	86	58	140	223	11	272	63	—	—
September	27·7	14·8	34·3	7·8	39·4	3·9	88	56	94	170	8	229	60	—	—
October	21·4	8·2	29·7	1·3	34·4	−2·2	88	54	76	100	7	200	62	—	—
November	15·5	2·8	25·4	−4·7	30·6	−10·0	84	53	76	76	8	168	58	—	—
December	9·9	−1·4	21·0	−9·2	25·6	−17·2	81	57	76	62	9	155	51	—	—
Year	20·8	8·3	37·4*	−11·9*	40·6	−18·3	82	54	1120	223	117	2696	59	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Roanoke 37° 19′ N 79° 58′ W 358 m — Virginia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·3	−1·6	20·2	−11·1	27·2	−17·8	73	55	79	51	10	—	—	—	—
February	9·5	−1·5	21·2	−10·2	30·6	−18·3	72	51	74	49	8	—	—	—	—
March	13·4	1·6	25·0	−6·8	32·2	−12·2	69	47	89	60	10	—	—	—	—
April	20·1	7·0	30·9	−1·8	35·0	−4·4	71	44	79	74	9	—	—	—	—
May	25·6	11·9	33·2	3·8	37·2	−1·1	77	50	97	113	10	—	—	—	—
June	29·7	16·3	35·5	9·1	40·0	4·4	79	50	97	95	10	—	—	—	—
July	31·1	18·4	36·3	13·1	40·6	8·9	82	52	109	94	12	—	—	—	—
August	30·3	17·8	35·6	11·7	40·0	7·2	85	54	117	136	11	—	—	—	—
September	27·1	14·2	34·6	4·9	39·4	0·0	87	54	84	156	8	—	—	—	—
October	21·1	7·9	29·9	−0·7	37·2	−3·9	83	49	81	141	6	—	—	—	—
November	14·1	2·2	24·4	−6·9	27·8	−17·8	74	50	69	78	7	—	—	—	—
December	8·6	−1·6	19·6	−11·1	25·0	−16·1	72	52	76	86	8	—	—	—	—
Year	19·9	7·7	37·2*	−13·4*	40·6	−18·3	77	51	1051	156	109	—	—	—	—
No. of Years	30	30	30	30	30	30	13	13	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Saltville 36° 53′ N 81° 46′ W 529 m Virginia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·8	−2·8	18·3	−12·5	26·1	−24·4	—	—	99	54	13	—	—	—	—
February	9·1	−2·8	19·7	−11·2	24·4	−18·3	—	—	93	75	13	—	—	—	—
March	12·7	0·3	23·7	−7·8	28·9	−16·1	—	—	108	50	14	—	—	—	—
April	19·6	5·7	29·4	−2·1	32·8	−5·6	—	—	81	50	12	—	—	—	—
May	25·1	10·8	31·9	3·4	35·6	0·0	—	—	106	85	13	—	—	—	—
June	28·9	15·3	34·2	8·5	38·3	5·0	—	—	95	60	12	—	—	—	—
July	30·1	17·4	34·8	11·9	37·8	7·8	—	—	122	69	14	—	—	—	—
August	29·5	16·7	34·0	10·9	37·2	6·1	—	—	110	107	13	—	—	—	—
September	26·9	12·9	33·1	5·3	37·8	0·6	—	—	74	66	9	—	—	—	—
October	21·2	6·6	29·1	−1·4	33·9	−7·2	—	—	66	127	9	—	—	—	—
November	13·7	0·3	24·0	−7·4	27·2	−15·6	—	—	67	41	11	—	—	—	—
December	8·2	−2·8	18·1	−11·8	23·9	−24·4	—	—	86	41	13	—	—	—	—
Year	19·4	6·5	35·5*	−15·2*	38·3	−24·4	—	—	1107	107	146	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Staunton 38° 09′ N 79° 04′ W 451 m Virginia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·5	−3·3	18·6	−13·2	26·1	−23·3	—	—	68	54	9	—	—	—	—
February	8·3	−3·7	19·4	−12·5	27·8	−21·7	—	—	54	38	8	—	—	—	—
March	11·9	−0·2	23·5	−8·9	30·6	−17·8	—	—	81	83	10	—	—	—	—
April	18·6	5·3	29·6	−3·1	32·8	−7·2	—	—	76	72	10	—	—	—	—
May	24·2	10·7	32·1	2·6	35·0	−2·2	—	—	93	83	11	—	—	—	—
June	28·1	15·3	34·1	8·2	38·9	1·7	—	—	94	81	11	—	—	—	—
July	29·8	17·4	35·5	11·7	39·4	7·8	—	—	102	58	12	—	—	—	—
August	28·9	16·3	34·3	9·9	37·8	5·6	—	—	92	67	10	—	—	—	—
September	25·7	12·8	33·2	4·0	37·8	−0·6	—	—	84	110	8	—	—	—	—
October	20·3	6·8	29·4	−2·2	36·1	−10·0	—	—	72	127	7	—	—	—	—
November	13·7	1·2	24·2	−8·2	28·9	−13·3	—	—	60	53	8	—	—	—	—
December	8·1	−2·9	18·9	−12·6	26·1	−20·6	—	—	67	81	8	—	—	—	—
Year	18·8	6·3	36·1*	−15·6*	39·4	−23·3	—	—	943	127	112	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Seattle 47° 32′ N 122° 18′ W 4 m Washington

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·5	2·1	13·9	−6·2	20·6	−16·1	84	78	139	59	19	62	27	—	—
February	9·4	3·1	15·6	−4·2	21·1	−15·6	84	75	107	66	15	101	34	—	—
March	11·6	4·2	18·6	−1·8	24·4	−8·9	83	69	90	59	16	163	42	—	—
April	15·4	6·3	24·4	0·8	29·4	−2·2	83	61	55	37	12	206	49	—	—
May	18·8	9·1	28·2	3·3	32·2	−1·1	83	60	40	26	11	236	53	—	—
June	21·3	11·4	29·7	6·9	37·2	2·8	82	61	36	29	9	233	49	—	—
July	24·2	13·2	31·8	9·0	37·2	6·7	83	61	17	23	5	315	63	—	—
August	23·6	13·1	31·4	8·5	37·8	6·1	86	67	19	31	5	251	56	—	—
September	20·7	11·2	28·7	4·3	33·3	0·6	88	70	46	47	8	196	52	—	—
October	15·9	8·4	23·5	0·9	28·9	−4·4	90	77	88	50	14	136	37	—	—
November	11·0	4·8	17·0	−2·4	20·6	−13·3	88	80	137	76	17	85	28	—	—
December	8·8	3·4	14·4	−3·8	19·4	−11·7	85	81	145	54	19	60	24	—	—
Year	15·7	7·5	33·5*	−8·3*	37·8	−16·1	85	70	919	66	150	2044	43	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

*Average of highest/lowest each year

UNITED STATES

Spokane 47° 37′ N 117° 31′ W 718 m — Washington

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·4	−6·1	8·4	−16·6	14·4	−31·1	86	81	61	32	15	60	28	—	—
February	3·7	−4·3	10·9	−14·1	16·1	−30·0	86	74	48	29	12	105	42	—	—
March	8·8	−0·9	16·9	−8·5	22·2	−19·4	80	62	38	23	11	191	53	—	—
April	15·1	2·9	24·9	−2·6	31·7	−10·0	76	49	23	23	8	259	63	—	—
May	20·1	6·8	29·9	0·9	35·6	−4·4	75	46	30	42	9	295	65	—	—
June	23·4	10·3	32·9	4·9	36·7	1·1	73	45	38	39	8	304	65	—	—
July	29·4	13·6	37·1	7·8	41·1	4·4	64	36	10	30	3	401	82	—	—
August	27·9	12·4	35·2	6·9	38·3	4·4	62	38	10	26	4	344	79	—	—
September	23·1	8·6	32·2	1·6	36·7	−2·2	72	45	18	26	6	270	70	—	—
October	15·3	3·8	24·1	−2·8	30·6	−12·8	83	64	41	33	9	166	53	—	—
November	6·0	−1·3	13·6	−8·9	18·9	−23·9	87	77	56	35	12	90	31	—	—
December	2·3	−3·3	10·3	−12·8	15·6	−22·8	88	82	61	31	15	53	22	—	—
Year	14·6	3·5	37·3*	−20·4*	41·1	−31·1	78	58	434	42	112	2538	55	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Stampede Pass 47° 17′ N 121° 20′ W 1206 m — Washington

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·5	−6·9	5·0	−15·9	11·1	−23·9	95	95	305	99	22	—	—	—	—
February	−0·5	−5·5	6·3	−12·9	11·1	−22·8	95	93	257	83	21	—	—	—	—
March	1·6	−3·8	10·2	−10·3	16·1	−17·2	93	90	269	77	23	—	—	—	—
April	5·9	−0·9	16·0	−5·6	18·9	−8·9	88	79	142	58	18	—	—	—	—
May	10·6	2·6	22·1	−3·0	27·2	−6·7	89	76	109	53	15	—	—	—	—
June	13·7	5·0	24·2	0·4	28·3	−2·2	91	77	104	42	15	—	—	—	—
July	18·6	8·3	27·7	2·7	30·6	−0·6	79	65	38	23	8	—	—	—	—
August	18·1	8·2	27·1	3·5	32·2	1·7	89	70	51	50	11	—	—	—	—
September	15·4	6·7	25·6	0·6	30·6	−1·7	81	69	112	114	12	—	—	—	—
October	8·9	2·6	17·4	−3·3	22·8	−5·6	89	82	224	135	17	—	—	—	—
November	2·1	−2·7	9·7	−9·7	14·4	−20·6	92	91	320	169	18	—	—	—	—
December	−0·6	−5·0	7·3	−11·6	11·7	−17·8	95	95	411	148	22	—	—	—	—
Year	7·6	0·7	28·8*	−18·3*	32·2	−23·9	90	82	2342	169	202	—	—	—	—
No. of Years	30	30	17	17	17	17	10	10	30	17	17	—	—	—	—

Tatoosh Island 48° 23′ N 124° 44′ W 31 m — Washington

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0330	0930							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·3	3·8	11·7	−1·1	17·8	−10·0	83	81	275	93	22	60	25	—	—
February	8·1	4·2	11·8	0·1	17·8	−6·7	83	79	221	81	18	86	35	—	—
March	8·8	4·7	13·2	1·2	19·4	−3·9	84	80	212	77	21	124	37	—	—
April	10·9	6·3	16·6	3·4	23·9	0·6	85	79	133	77	17	187	44	—	—
May	12·9	8·3	18·7	5·7	27·2	3·9	88	81	76	52	13	226	48	—	—
June	14·3	9·9	19·8	7·9	27·8	6·1	91	85	72	70	13	188	45	—	—
July	15·3	10·8	20·5	8·9	26·7	7·2	94	88	59	94	10	228	48	—	—
August	15·4	10·9	20·2	8·6	25·6	7·2	94	89	50	57	12	177	43	—	—
September	15·1	10·2	20·5	7·7	26·7	6·1	92	87	90	57	12	186	47	—	—
October	13·2	8·9	18·0	5·7	25·0	0·6	89	84	209	135	17	125	38	—	—
November	10·4	6·5	14·6	2·8	20·0	−7·2	84	81	267	95	20	81	27	—	—
December	8·7	5·1	12·4	1·1	16·1	−4·4	84	82	309	93	23	51	23	—	—
Year	11·7	7·5	23·8*	−3·0*	27·8	−10·0	88	83	1973	135	198	1719	38	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

*Average of highest/lowest each year

UNITED STATES

Walla Walla 46° 02′ N 118° 20′ W 289 m — Washington

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·9	−2·6	14·8	−12·5	20·6	−26·7	—	—	48	37	14	66	26	—	—
February	7·2	−0·1	16·2	−8·8	21·1	−25·6	—	—	38	26	11	109	36	—	—
March	12·4	3·1	21·1	−3·6	26·1	−10·6	—	—	41	25	12	190	52	—	—
April	17·7	6·5	27·1	0·8	32·8	−7·2	—	—	36	33	9	261	64	—	—
May	22·2	9·9	32·2	4·2	37·2	−2·2	—	—	38	41	9	318	69	—	—
June	25·9	13·1	35·7	8·3	39·4	5·6	—	—	30	42	8	344	71	—	—
July	31·8	17·1	39·7	11·4	43·3	7·2	—	—	5	29	3	426	87	—	—
August	30·3	16·1	37·4	11·0	40·6	8·3	—	—	8	22	3	369	84	—	—
September	25·5	12·3	34·3	5·3	39·4	1·7	—	—	20	22	5	295	74	—	—
October	18·1	7·6	26·7	0·8	31·1	−9·4	—	—	38	35	9	209	57	—	—
November	9·3	2·1	19·1	−5·2	25·0	−17·2	—	—	43	36	11	100	32	—	—
December	6·6	−0·2	16·6	−7·8	21·1	−18·3	—	—	48	26	14	53	20	—	—
Year	17·6	7·1	40·0*	−15·3*	43·3	−26·7	—	—	393	42	108	2740	56	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	11	30	—	—

Yakima 46° 34′ N 120° 32′ W 323 m — Washington

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0400	1000							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	2·5	−7·5	12·1	−15·5	17·8	−29·4	84	75	30	30	10	—	—	—	—
February	7·1	−4·9	14·9	−11·9	21·1	−31·7	82	65	23	20	8	—	—	—	—
March	12·9	−1·8	20·4	−6·6	26·7	−18·3	75	48	15	19	6	—	—	—	—
April	18·8	1·8	27·4	−2·3	32·8	−6·1	67	37	13	20	5	—	—	—	—
May	23·4	6·0	32·6	0·8	37·8	−3·9	65	34	13	19	5	—	—	—	—
June	26·7	9·3	35·4	4·9	39·4	0·6	65	35	20	27	5	—	—	—	—
July	31·6	11·7	38·8	7·8	43·3	1·7	62	31	3	8	2	—	—	—	—
August	30·3	10·3	36·8	6·8	40·0	1·7	65	34	5	12	2	—	—	—	—
September	26·0	6·6	33·8	2·0	37·8	−1·7	73	39	8	22	3	—	—	—	—
October	18·7	1·9	26·6	−2·9	31·7	−8·3	80	52	15	22	6	—	—	—	—
November	8·9	−2·9	16·8	−7·9	22·2	−19·4	85	69	25	26	8	—	—	—	—
December	4·3	−4·8	13·2	−10·9	18·3	−18·9	87	78	28	27	10	—	—	—	—
Year	17·6	2·1	38·9*	−18·2*	43·3	−31·7	74	50	198	30	70	—	—	—	—
No. of Years	30	30	30	30	30	30	27	30	30	30	30	—	—	—	—

Charleston 38° 22′ N 81° 36′ W 286 m — West Virginia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0630	1230							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	8·1	−3·1	21·3	−13·2	27·2	−22·8	76	60	109	48	13	—	—	—	—
February	9·5	−2·9	21·7	−12·3	26·7	−18·3	74	56	89	60	10	—	—	—	—
March	13·5	0·5	26·2	−8·3	31·7	−20·6	73	52	109	67	13	—	—	—	—
April	20·5	5·9	30·8	−2·2	32·8	−6·1	73	46	94	69	11	—	—	—	—
May	25·7	11·1	33·1	3·3	36·1	−2·2	81	49	94	52	12	—	—	—	—
June	29·7	16·0	35·2	8·8	40·6	3·9	85	53	94	66	10	—	—	—	—
July	31·2	18·1	36·2	12·4	42·2	7·8	88	54	145	99	10	—	—	—	—
August	30·6	17·6	35·8	11·4	40·6	6·7	91	56	99	83	9	—	—	—	—
September	27·7	13·8	34·5	5·9	40·0	0·0	89	50	74	88	7	—	—	—	—
October	21·7	7·6	29·9	−0·5	36·1	−6·1	87	52	66	57	7	—	—	—	—
November	14·1	1·2	26·0	−7·2	31·1	−13·9	77	53	71	44	9	—	—	—	—
December	8·6	−2·6	20·3	−11·6	25·6	−16·7	76	59	84	49	11	—	—	—	—
Year	20·1	6·9	36·9*	−15·7*	42·2	−22·8	81	53	1128	99	122	—	—	—	—
No. of Years	30	30	30	30	30	30	11	11	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Parkersburg 39° 16′ N 81° 34′ W 187 m

West Virginia

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0700	1300							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	6·1	−3·2	18·5	−14·4	25·6	−26·7	82	67	84	43	13	80	30	—	—
February	6·9	−3·1	19·8	−13·3	25·0	−22·2	80	61	71	73	11	103	37	—	—
March	11·4	0·4	24·6	−8·3	30·0	−19·4	79	56	89	52	13	156	42	—	—
April	18·5	6·1	29·3	−1·9	32·8	−6·7	74	48	84	81	12	187	50	—	—
May	24·1	11·4	32·3	3·1	33·9	−1·7	76	48	94	62	12	250	57	—	—
June	28·6	16·5	34·4	8·8	36·7	3·3	80	53	109	71	11	279	62	—	—
July	30·2	18·4	35·4	12·5	39·4	8·3	82	53	104	122	11	283	63	—	—
August	29·4	17·7	34·8	11·1	38·9	8·3	85	55	97	78	9	268	62	—	—
September	26·3	13·8	33·7	4·9	38·9	0·0	86	52	69	76	7	231	62	—	—
October	20·2	7·6	29·2	−1·2	32·2	−6·1	85	52	53	86	8	191	55	—	—
November	12·4	1·8	24·4	−7·5	28·3	−14·4	81	58	61	45	10	115	39	—	—
December	6·7	−2·4	18·0	−13·2	23·9	−21·1	82	66	71	65	11	97	31	—	—
Year	18·4	7·1	36·1*	−17·1*	39·4	−26·7	81	56	986	122	128	2240	49	—	—
No. of Years	30	30	30	30	30	30	19	19	30	30	30	11	30	—	—

Petersburg 39° 00′ N 79° 07′ W 309 m

West Virginia

Period 1945–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	7·3	−4·0	19·1	−14·6	27·2	−23·9	—	—	50	27	9	—	—	—	—
February	8·5	−3·5	20·8	−13·8	25·6	−20·6	—	—	47	58	8	—	—	—	—
March	12·4	0·0	24·9	−8·9	31·7	−20·6	—	—	67	42	10	—	—	—	—
April	19·7	5·2	30·4	−4·1	32·8	−7·2	—	—	57	42	10	—	—	—	—
May	24·4	9·7	32·4	0·7	33·9	−5·6	—	—	77	44	12	—	—	—	—
June	28·4	13·9	35·0	5·6	37·8	0·0	—	—	110	165	11	—	—	—	—
July	30·6	16·2	35·8	9·6	38·9	5·0	—	—	85	56	11	—	—	—	—
August	29·9	15·5	35·6	8·2	38·9	5·0	—	—	92	126	10	—	—	—	—
September	26·5	11·4	34·2	1·7	38·3	−3·9	—	—	60	67	7	—	—	—	—
October	21·2	5·7	30·1	−3·2	35·0	−9·4	—	—	56	124	6	—	—	—	—
November	13·5	0·5	24·6	−9·3	28·9	−12·8	—	—	48	47	7	—	—	—	—
December	7·8	−3·9	20·0	−14·2	25·0	−21·7	—	—	46	37	7	—	—	—	—
Year	19·2	5·6	36·8*	−17·3*	38·9	−23·9	—	—	795	165	108	—	—	—	—
No. of Years	16	16	16	16	16	16	—	—	16	16	16	—	—	—	—

Green Bay 44° 29′ N 88° 08′ W 208 m

Wisconsin

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−3·4	−12·3	5·1	−25·4	13·3	−35·0	80	71	28	30	8	130	42	—	—
February	−2·4	−11·9	5·7	−24·3	11·1	−32·2	80	68	28	36	8	153	50	—	—
March	2·7	−5·7	13·8	−16·7	24·4	−24·4	80	64	33	41	8	206	52	—	—
April	11·4	1·2	24·2	−6·6	28·9	−24·4	77	57	63	51	9	204	52	—	—
May	18·7	7·0	29·2	−0·6	37·2	−3·9	77	55	79	66	10	264	55	—	—
June	24·3	12·8	32·4	5·1	38·3	0·0	79	58	86	67	10	287	60	—	—
July	27·4	15·7	34·0	9·4	40·0	5·6	80	55	69	75	8	305	66	—	—
August	26·2	14·8	33·3	7·2	37·8	3·3	85	57	69	66	9	263	61	—	—
September	21·3	10·1	31·2	1·3	36·1	−4·4	86	59	74	58	9	218	57	—	—
October	14·9	4·4	24·6	−3·6	29·4	−8·9	83	59	48	87	7	178	52	—	—
November	5·4	−2·5	16·9	−11·9	23·3	−21·7	80	67	48	52	8	115	38	—	—
December	−1·3	−9·2	7·8	−21·6	15·6	−27·8	80	71	30	30	8	105	39	—	—
Year	12·1	2·0	35·3*	−27·0*	40·0	−35·0	81	62	655	87	102	2428	52	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

*Average of highest/lowest each year

UNITED STATES

La Crosse 43° 52′ N 91° 15′ W 199 m Wisconsin

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−3·6	−13·7	6·5	−27·2	11·1	−38·3	83	70	30	36	8	—	47	—	—
February	−1·7	−12·3	8·7	−25·1	15·6	−32·2	83	68	28	33	7	—	55	—	—
March	4·1	−5·8	17·2	−17·2	24·4	−27·8	81	62	53	34	10	—	56	—	—
April	13·9	2·7	26·2	−5·3	33·3	−12·2	77	52	69	98	10	—	60	—	—
May	21·0	9·2	30·7	0·6	41·7	−6·7	79	53	97	83	12	—	61	—	—
June	26·2	14·7	33·4	6·8	38·9	0·0	82	57	107	101	12	—	68	—	—
July	29·2	17·2	35·0	10·7	42·2	5·0	85	56	94	87	9	—	76	—	—
August	27·9	16·1	34·4	8·5	40·0	2·2	88	57	91	124	10	—	71	—	—
September	22·6	10·9	32·0	1·7	37·8	−5·0	88	57	89	88	9	—	62	—	—
October	16·4	4·8	25·9	−3·7	30·0	−7·2	84	57	56	70	8	—	56	—	—
November	5·8	−3·3	18·2	−13·5	26·7	−26·7	82	66	48	60	8	—	39	—	—
December	−1·3	−10·1	8·8	−23·5	15·6	−31·1	83	71	28	29	8	—	39	—	—
Year	13·4	2·5	36·3*	−28·7*	42·2	−38·3	83	61	790	124	111	—	57	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	—	20	—	—

Ladysmith 45° 28′ N 91° 05′ W 353 m Wisconsin

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−5·4	−16·8	3·7	−32·3	8·3	−40·0	—	—	21	24	6	—	—	—	—
February	−2·3	−14·2	6·2	−28·8	13·3	−37·8	—	—	19	28	5	—	—	—	—
March	2·4	−9·3	12·4	−23·4	19·4	−28·9	—	—	39	38	7	—	—	—	—
April	12·6	−0·4	24·6	−9·2	31·7	−16·7	—	—	63	72	7	—	—	—	—
May	20·2	5·6	29·2	−3·1	33·9	−5·6	—	—	98	94	11	—	—	—	—
June	24·8	11·0	31·8	1·3	36·1	−0·6	—	—	112	87	10	—	—	—	—
July	27·1	13·4	32·8	6·6	37·8	5·0	—	—	104	100	9	—	—	—	—
August	26·0	12·6	32·2	2·1	35·0	−1·7	—	—	103	129	9	—	—	—	—
September	20·4	7·6	29·8	−1·8	33·3	−4·4	—	—	85	68	9	—	—	—	—
October	15·0	2·6	24·7	−6·6	30·6	−11·1	—	—	54	58	7	—	—	—	—
November	3·6	−5·4	14·3	−18·0	21·7	−23·3	—	—	41	43	7	—	—	—	—
December	−2·9	−12·3	6·5	−25·2	12·2	−32·2	—	—	26	44	6	—	—	—	—
Year	11·8	−0·5	33·9*	−32·5*	37·8	−40·0	—	—	765	129	93	—	—	—	—
No. of Years	12	12	12	12	12	12	—	—	27	26	27	—	—	—	—

Madison 43° 08′ N 89° 20′ W 262 m Wisconsin

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
			degrees Celsius				*per cent*		*millimetres*			*hours*		*hours*	
January	−2·4	−11·3	7·2	−24·7	13·3	−38·3	83	72	36	46	9	137	43	—	—
February	−1·1	−10·3	8·4	−22·4	14·4	−33·3	82	70	28	42	8	156	50	—	—
March	4·3	−4·9	17·6	−15·7	25·6	−25·6	82	64	46	38	10	212	53	—	—
April	13·3	2·4	25·4	−4·9	32·2	−12·2	78	54	66	48	10	211	53	—	—
May	20·2	8·5	30·1	0·6	38·3	−2·8	78	54	84	79	11	270	57	—	—
June	25·7	14·3	33·1	6·3	37·8	1·7	80	56	99	88	11	299	62	—	—
July	28·7	17·0	34·7	10·9	41·7	5·6	81	52	91	93	8	333	72	—	—
August	27·6	16·0	34·1	9·2	38·3	2·8	85	55	86	82	9	295	67	—	—
September	22·6	11·3	31·7	2·6	37·2	−3·9	86	56	84	135	9	257	61	—	—
October	16·3	5·3	25·9	−2·6	30·6	−10·0	83	56	56	59	7	211	58	—	—
November	6·3	−2·2	18·7	−12·8	25·0	−23·9	82	66	53	58	8	132	40	—	—
December	−0·5	−8·5	9·4	−21·1	15·6	−29·4	83	72	33	33	8	122	39	—	—
Year	13·4	3·1	35·8*	−26·5*	41·7	−38·3	82	61	762	135	108	2635	55	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

*Average of highest/lowest each year

Milwaukee 42° 57′ N 87° 54′ W 205 m Wisconsin

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0600	1200							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·1	−10·7	8·2	−21·8	16·7	−29·4	80	72	46	82	9	123	40	—	—
February	−1·0	−9·7	9·2	−19·6	16·7	−30·0	79	69	36	42	9	136	45	—	—
March	3·8	−4·9	16·8	−13·1	27·2	−22·8	79	65	58	47	10	193	52	—	—
April	11·7	1·2	24·8	−3·5	29·4	−10·6	76	59	63	54	10	203	54	—	—
May	17·7	6·1	29·7	1·7	33·9	−1·1	76	60	81	83	11	272	59	—	—
June	23·3	11·4	33·0	7·0	40·0	2·8	78	61	91	119	10	296	64	—	—
July	26·1	14·7	35·0	12·7	40·6	7·8	79	58	74	70	8	328	73	—	—
August	25·4	14·3	34·0	11·7	37·8	7·8	83	60	79	72	8	282	68	—	—
September	21·5	9·9	32·1	4·3	37·2	−7·2	83	59	69	85	8	250	63	—	—
October	15·6	4·4	26·3	−0·8	29·4	−6·1	81	59	53	56	7	207	57	—	—
November	6·7	−2·5	18·6	−10·5	25·6	−20·6	80	65	56	50	8	138	43	—	—
December	0·0	−8·3	10·8	−18·4	16·7	−23·9	79	71	41	51	9	117	38	—	—
Year	12·4	2·2	36·2*	−23·3*	40·6	−30·0	79	63	747	119	107	2545	55	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Park Falls 45° 56′ N 90° 27′ W 455 m Wisconsin

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−5·1	−15·5	3·7	−31·5	13·3	−39·4	—	—	28	19	10	—	—	—	—
February	−3·7	−15·1	6·1	−29·0	14·4	−36·7	—	—	25	46	8	—	—	—	—
March	1·4	−10·1	12·8	−23·2	25·0	−32·2	—	—	37	33	9	—	—	—	—
April	11·1	−1·0	23·6	−9·9	32·2	−19·4	—	—	66	70	10	—	—	—	—
May	18·5	4·5	29·3	−3·1	37·8	−6·1	—	—	88	59	11	—	—	—	—
June	23·5	10·8	31·1	1·9	37·2	−1·7	—	—	138	129	12	—	—	—	—
July	25·9	13·1	32·9	6·3	41·1	2·8	—	—	107	86	10	—	—	—	—
August	24·7	11·9	31·7	4·0	36·7	−1·7	—	—	118	89	11	—	—	—	—
September	19·6	7·2	29·4	−1·9	34·4	−6·1	—	—	91	100	11	—	—	—	—
October	13·7	2·1	24·4	−6·7	30·6	−13·9	—	—	57	50	9	—	—	—	—
November	2·7	−5·7	14·8	−17·3	24·4	−25·0	—	—	51	39	11	—	—	—	—
December	−4·3	−13·2	5·6	−26·4	12·8	−34·4	—	—	30	38	10	—	—	—	—
Year	10·7	−0·9	33·6*	−32·7*	41·1	−39·4	—	—	836	129	122	—	—	—	—
No. of Years	26	26	30	30	30	30	—	—	30	30	30	—	—	—	—

Casper 42° 55′ N 106° 28′ W 1621 m Wyoming

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·4	−10·1	9·9	−25·5	14·4	−40·0	67	56	15	19	6	—	—	—	—
February	2·6	−8·9	12·5	−23·9	17·8	−40·6	69	56	15	21	7	—	—	—	—
March	6·2	−6·1	17·3	−20·1	23·9	−28·3	73	54	25	25	9	—	—	—	—
April	13·1	−0·7	23·9	−10·4	28·9	−27·8	73	45	43	78	9	—	—	—	—
May	18·9	4·5	29·1	−2·5	33·3	−8·9	77	45	51	53	11	—	—	—	—
June	25·1	9·4	33·2	2·9	38·3	−2·2	73	37	33	38	8	—	—	—	—
July	30·6	13·5	36·6	7·1	40·6	3·9	64	31	25	41	6	—	—	—	—
August	29·5	12·8	35·3	4·9	37·8	−2·2	60	29	18	43	5	—	—	—	—
September	23·4	7·4	32·2	−1·7	35·6	−9·4	61	33	23	45	5	—	—	—	—
October	16·1	1·9	26·1	−7·3	29·4	−13·9	63	41	20	18	6	—	—	—	—
November	6·6	−4·8	17·2	−18·1	22·2	−28·9	67	52	18	19	6	—	—	—	—
December	2·6	−7·8	12·2	−21·2	18·3	−33·3	67	56	13	15	6	—	—	—	—
Year	14·6	0·9	36·9*	−29·3*	40·6	−40·6	68	45	299	78	84	—	—	—	—
No. of Years	30	30	30	30	30	30	17	17	30	30	30	—	—	—	—

*Average of highest/lowest each year

UNITED STATES

Cheyenne 41° 09′ N 104° 49′ W 1869 m — Wyoming

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	3·3	−9·4	13·8	−23·1	17·2	−32·8	61	47	13	34	6	186	64	—	—
February	4·3	−8·8	15·0	−20·8	21·1	−36·7	65	49	14	40	7	193	65	—	—
March	6·4	−6·5	17·4	−18·5	22·8	−29·4	69	48	31	48	10	241	65	—	—
April	12·2	−1·6	22·9	−10·8	27·8	−21·1	72	46	48	44	10	241	59	—	—
May	17·6	3·8	27·5	−3·3	31·7	−8·9	76	46	64	51	13	261	58	—	—
June	23·9	8·8	31·7	2·2	37·8	−3·9	74	40	55	61	11	310	67	—	—
July	28·6	12·4	34·0	7·3	37·8	3·3	71	34	46	43	11	313	69	—	—
August	27·5	11·8	33·2	5·9	37·2	2·8	70	35	37	41	10	285	67	—	—
September	22·7	6·6	30·5	−1·1	33·9	−7·8	67	36	28	34	7	273	71	—	—
October	16·3	1·2	25·3	−7·3	27·8	−16·7	65	39	21	43	5	247	70	—	—
November	8·4	−5·0	18·6	−17·1	22·8	−24·4	61	43	16	22	6	179	63	—	—
December	5·2	−7·3	15·7	−18·9	20·6	−29·4	61	46	11	13	5	170	60	—	—
Year	14·7	0·5	34·5*	−26·4*	37·8	−36·7	68	42	384	61	101	2899	65	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Green River 41° 32′ N 109° 29′ W 1862 m — Wyoming

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·1	−14·4	9·7	−15·1	15·0	−34·4	—	—	13	14	6	—	—	—	—
February	3·1	−11·9	12·4	−13·5	20·0	−33·3	—	—	12	24	5	—	—	—	—
March	7·8	−7·2	17·3	0·7	23·3	−32·2	—	—	16	30	6	—	—	—	—
April	14·6	−1·8	24·1	14·5	30·0	−16·1	—	—	24	43	6	—	—	—	—
May	20·8	2·9	28·9	24·8	33·3	−7·2	—	—	28	40	7	—	—	—	—
June	26·2	6·9	33·3	32·6	39·4	−2·8	—	—	21	37	6	—	—	—	—
July	31·4	10·4	35·9	39·8	40·0	0·0	—	—	11	94	5	—	—	—	—
August	29·9	9·3	34·7	37·1	37·8	−1·7	—	—	21	34	6	—	—	—	—
September	24·6	3·8	31·2	25·4	35·6	−10·6	—	—	16	32	4	—	—	—	—
October	17·8	−1·6	26·1	16·7	31·7	−14·4	—	—	25	35	5	—	—	—	—
November	7·8	−7·9	17·6	−2·0	22·8	−26·1	—	—	12	16	5	—	—	—	—
December	2·2	−11·9	11·0	−11·8	18·9	−33·9	—	—	9	17	4	—	—	—	—
Year	15·5	−1·9	36·3*	−19·3*	40·0	−34·4	—	—	208	94	65	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Lander 42° 49′ N 108° 44′ W 1696 m — Wyoming

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·7	−13·5	10·6	−25·8	15·6	−37·8	74	61	13	16	4	197	67	—	—
February	2·4	−11·2	12·4	−24·2	20·0	−40·0	73	57	18	34	5	203	69	—	—
March	6·9	−6·7	17·1	−19·3	22·8	−29·4	71	50	28	30	7	265	70	—	—
April	13·2	−0·8	23·2	−9·2	27·2	−23·9	70	45	63	66	8	273	65	—	—
May	18·9	4·3	28·1	−2·6	32·8	−7·8	70	42	69	45	9	298	66	—	—
June	24·4	8·9	32·4	2·4	37·8	−3·9	65	39	36	90	6	355	74	—	—
July	29·9	13·0	35·6	7·1	38·9	2·8	59	33	20	37	6	357	78	—	—
August	28·7	12·2	34·3	5·7	36·7	−0·6	58	32	13	28	5	324	76	—	—
September	22·9	7·0	31·3	−1·1	33·9	−6·7	64	37	25	53	5	286	75	—	—
October	15·8	1·0	24·9	−7·4	27·8	−12·8	69	43	31	38	5	244	68	—	—
November	6·1	−7·2	16·5	−19·3	23·3	−31·7	73	55	23	29	5	182	62	—	—
December	1·4	−11·3	12·4	−23·3	18·3	−33·3	73	60	10	25	4	198	65	—	—
Year	14·3	−0·4	35·8*	−29·7*	38·9	−40·0	68	46	349	90	69	3182	70	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

*Average of highest/lowest each year

Saratoga 41° 27′ N 106° 48′ W 2068 m Wyoming

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	0·7	−13·2	8·9	−27·9	13·9	−40·0	—	—	11	16	4	—	—	—	—
February	2·2	−11·5	10·7	−25·1	16·7	−39·4	—	—	15	13	4	—	—	—	—
March	4·9	−7·4	14·3	−21·2	20·0	−32·2	—	—	18	23	6	—	—	—	—
April	11·9	−3·1	21·3	−12·8	26·7	−24·4	—	—	20	26	6	—	—	—	—
May	18·1	1·2	26·2	−6·3	30·0	−13·3	—	—	32	26	7	—	—	—	—
June	23·7	5·6	30·5	−1·3	35·6	−5·6	—	—	27	25	6	—	—	—	—
July	28·5	8·8	33·0	2·3	37·8	−1·1	—	—	20	24	6	—	—	—	—
August	27·3	8·2	31·9	1·1	34·4	−3·9	—	—	25	30	7	—	—	—	—
September	22·7	3·1	29·2	−5·2	32·2	−10·6	—	—	20	20	5	—	—	—	—
October	15·7	−1·9	23·9	−10·1	27·2	−19·4	—	—	24	25	5	—	—	—	—
November	6·7	−8·1	15·7	−21·7	20·6	−28·3	—	—	12	16	4	—	—	—	—
December	2·6	−10·7	11·2	−25·6	17·2	−41·7	—	—	12	14	3	—	—	—	—
Year	13·7	−2·4	33·4*	−31·3*	37·8	−41·7	—	—	236	30	63	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

Sheridan 44° 46′ N 106° 58′ W 1202 m Wyoming

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.	0500	1100							
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	1·1	−13·0	13·7	−26·4	21·7	−34·4	77	60	15	22	8	157	56	—	—
February	2·4	−11·6	15·2	−25·6	22·8	−38·9	78	59	18	24	8	172	60	—	—
March	6·1	−7·2	19·1	−20·6	24·4	−29·4	79	57	36	57	11	224	60	—	—
April	13·5	−0·7	25·8	−9·2	30·6	−23·3	78	47	56	98	11	236	60	—	—
May	19·3	4·7	30·2	−2·2	35·0	−10·6	78	45	66	65	11	272	62	—	—
June	24·1	9·1	33·8	2·8	41·1	−2·8	79	46	66	87	11	304	65	—	—
July	30·6	13·1	37·9	7·2	41·1	4·4	72	35	31	58	7	362	78	—	—
August	29·8	11·9	36·9	5·3	40·6	1·7	70	32	23	37	6	328	76	—	—
September	23·4	6·3	34·1	−1·2	37·8	−5·0	74	38	31	34	7	262	69	—	—
October	16·8	0·7	28·3	−7·4	31·7	−15·6	76	44	28	36	7	222	65	—	—
November	7·8	−6·3	20·1	−18·3	24·4	−31·7	77	56	20	22	7	155	55	—	—
December	3·6	−10·0	15·9	−21·9	25·0	−32·2	75	63	15	14	8	144	51	—	—
Year	14·9	−0·3	38·6*	−30·0*	41·1	−38·9	76	49	405	98	102	2838	63	—	—
No. of Years	30	30	30	30	30	30	30	30	30	30	30	11	30	—	—

Yellowstone Park 44° 58′ N 110° 42′ W 1902 m Wyoming

Period 1931–60 Bibliography 23	Temperature						Relative humidity		Precipitation			Bright sunshine			
	Average daily		Average monthly		Absolute		Average of observations at		Average monthly fall	Maximum fall in 24 h	Average No. of days with 0·3 mm or more	Average monthly duration	Average per cent of possible	Maximum duration in one day	Average No. of days with no sun
	Max.	Min.	Max.	Min.	Max.	Min.									
	degrees Celsius						*per cent*		*millimetres*			*hours*		*hours*	
January	−2·4	−12·5	5·1	−26·5	9·4	−38·9	—	—	27	28	13	—	—	—	—
February	0·0	−11·3	7·7	−25·2	12·8	−40·0	—	—	23	17	11	—	—	—	—
March	3·3	−8·8	11·5	−22·5	16·1	−31·7	—	—	32	19	12	—	—	—	—
April	9·8	−3·3	18·9	−12·8	23·9	−22·2	—	—	34	22	10	—	—	—	—
May	15·8	1·1	24·4	−5·9	29·4	−14·4	—	—	45	30	12	—	—	—	—
June	20·2	4·9	28·3	−0·9	31·7	−4·4	—	—	57	36	13	—	—	—	—
July	26·3	7·9	31·6	2·0	35·0	−2·2	—	—	29	23	9	—	—	—	—
August	25·2	6·9	30·8	0·8	35·0	−3·3	—	—	31	39	8	—	—	—	—
September	19·7	2·9	27·7	−4·4	33·3	−9·4	—	—	29	27	7	—	—	—	—
October	12·9	−1·2	22·2	−9·4	25·6	−18·9	—	—	28	42	8	—	—	—	—
November	3·8	−7·1	11·7	−19·4	16·7	−32·8	—	—	26	23	11	—	—	—	—
December	−0·5	−10·1	6·8	−23·1	14·4	−33·9	—	—	27	43	12	—	—	—	—
Year	11·2	−2·5	32·4*	−30·8*	35·0	−40·0	—	—	388	43	126	—	—	—	—
No. of Years	30	30	30	30	30	30	—	—	30	30	30	—	—	—	—

*Average of highest/lowest each year

APPENDIX I

Conversion table—degrees Celsius to degrees Fahrenheit

°C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
					degrees Fahrenheit					
60	140·00	140·18	140·36	140·54	140·72	140·90	141·08	141·26	141·44	141·62
59	138·20	138·38	138·56	138·74	138·92	139·10	139·28	139·46	139·64	139·82
58	136·40	136·58	136·76	136·94	137·12	137·30	137·48	137·66	137·84	138·02
57	134·60	134·78	134·96	135·14	135·32	135·50	135·68	135·86	136·04	136·22
56	132·80	132·98	133·16	133·34	133·52	133·70	133·88	134·06	134·24	134·42
55	131·00	131·18	131·36	131·54	131·72	131·90	132·08	132·26	132·44	132·62
54	129·20	129·38	129·56	129·74	129·92	130·10	130·28	130·46	130·64	130·82
53	127·40	127·58	127·76	127·94	128·12	128·30	128·48	128·66	128·84	129·02
52	125·60	125·78	125·96	126·14	126·32	126·50	126·68	126·86	127·04	127·22
51	123·80	123·98	124·16	124·34	124·52	124·70	124·88	125·06	125·24	125·42
50	122·00	122·18	122·36	122·54	122·72	122·90	123·08	123·26	123·44	123·62
49	120·20	120·38	120·56	120·74	120·92	121·10	121·28	121·46	121·64	121·82
48	118·40	118·58	118·76	118·94	119·12	119·30	119·48	119·66	119·84	120·02
47	116·60	116·78	116·96	117·14	117·32	117·50	117·68	117·86	118·04	118·22
46	114·80	114·98	115·16	115·34	115·52	115·70	115·88	116·06	116·24	116·42
45	113·00	113·18	113·36	113·54	113·72	113·90	114·08	114·26	114·44	114·62
44	111·20	111·38	111·56	111·74	111·92	112·10	112·28	112·46	112·64	112·82
43	109·40	109·58	109·76	109·94	110·12	110·30	110·48	110·66	110·84	111·02
42	107·60	107·78	107·96	108·14	108·32	108·50	108·68	108·86	109·04	109·22
41	105·80	105·98	106·16	106·34	106·52	106·70	106·88	107·06	107·24	107·42
40	104·00	104·18	104·36	104·54	104·72	104·90	105·08	105·26	105·44	105·62
39	102·20	102·38	102·56	102·74	102·92	103·10	103·28	103·46	103·64	103·82
38	100·40	100·58	100·76	100·94	101·12	101·30	101·48	101·66	101·84	102·02
37	98·60	98·78	98·96	99·14	99·32	99·50	99·68	99·86	100·04	100·22
36	96·80	96·98	97·16	97·34	97·52	97·70	97·88	98·06	98·24	98·42
35	95·00	95·18	95·36	95·54	95·72	95·90	96·08	96·26	96·44	96·62
34	93·20	93·38	93·56	93·74	93·92	94·10	94·28	94·46	94·64	94·82
33	91·40	91·58	91·76	91·94	92·12	92·30	92·48	92·66	92·84	93·02
32	89·60	89·78	89·96	90·14	90·32	90·50	90·68	90·86	91·04	91·22
31	87·80	87·98	88·16	88·34	88·52	88·70	88·88	89·06	89·24	89·42
30	86·00	86·18	86·36	86·54	86·72	86·90	87·08	87·26	87·44	87·62
29	84·20	84·38	84·56	84·74	84·92	85·10	85·28	85·46	85·64	85·82
28	82·40	82·58	82·76	82·94	83·12	83·30	83·48	83·66	83·84	84·02
27	80·60	80·78	80·96	81·14	81·32	81·50	81·68	81·86	82·04	82·22
26	78·80	78·98	79·16	79·34	79·52	79·70	79·88	80·06	80·24	80·42
25	77·00	77·18	77·36	77·54	77·72	77·90	78·08	78·26	78·44	78·62
24	75·20	75·38	75·56	75·74	75·92	76·10	76·28	76·46	76·64	76·82
23	73·40	73·58	73·76	73·94	74·12	74·30	74·48	74·66	74·84	75·02
22	71·60	71·78	71·96	72·14	72·32	72·50	72·68	72·86	73·04	73·22
21	69·80	69·98	70·16	70·34	70·52	70·70	70·88	71·06	71·24	71·42
20	68·00	68·18	68·36	68·54	68·72	68·90	69·08	69·26	69·44	69·62
19	66·20	66·38	66·56	66·74	66·92	67·10	67·28	67·46	67·64	67·82
18	64·40	64·58	64·76	64·94	65·12	65·30	65·48	65·66	65·84	66·02
17	62·60	62·78	62·96	63·14	63·32	63·50	63·68	63·86	64·04	64·22
16	60·80	60·98	61·16	61·34	61·52	61·70	61·88	62·06	62·24	62·42

APPENDIX I—*continued*

Conversion table—degrees Celsius to degrees Fahrenheit

°C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
					degrees Fahrenheit					
15	59·00	59·18	59·36	59·54	59·72	59·90	60·08	60·26	60·44	60·62
14	57·20	57·38	57·56	57·74	57·92	58·10	58·28	58·46	58·64	58·82
13	55·40	55·58	55·76	55·94	56·12	56·30	56·48	56·66	56·84	57·02
12	53·60	53·78	53·96	54·14	54·32	54·50	54·68	54·86	55·04	55·22
11	51·80	51·98	52·16	52·34	52·52	52·70	52·88	53·06	53·24	53·42
10	50·00	50·18	50·36	50·54	50·72	50·90	51·08	51·26	51·44	51·62
9	48·20	48·38	48·56	48·74	48·92	49·10	49·28	49·46	49·64	49·82
8	46·40	46·58	46·76	46·94	47·12	47·30	47·48	47·66	47·84	48·02
7	44·60	44·78	44·96	45·14	45·32	45·50	45·68	45·86	46·04	46·22
6	42·80	42·98	43·16	43·34	43·52	43·70	43·88	44·06	44·24	44·42
5	41·00	41·18	41·36	41·54	41·72	41·90	42·08	42·26	42·44	42·62
4	39·20	39·38	39·56	39·74	39·92	40·10	40·28	40·46	40·64	40·82
3	37·40	37·58	37·76	37·94	38·12	38·30	38·48	38·66	38·84	39·02
2	35·60	35·78	35·96	36·14	36·32	36·50	36·68	36·86	37·04	37·22
1	33·80	33·98	34·16	34·34	34·52	34·70	34·88	35·06	35·24	35·42
0	32·00	32·18	32·36	32·54	32·72	32·90	33·08	33·26	33·44	33·62
−0	32·00	31·82	31·64	31·46	31·28	31·10	30·92	30·74	30·56	30·38
−1	30·20	30·02	29·84	29·66	29·48	29·30	29·12	28·94	28·76	28·58
−2	28·40	28·22	28·04	27·86	27·68	27·50	27·32	27·14	26·96	26·78
−3	26·60	26·42	26·24	26·06	25·88	25·70	25·52	25·34	25·16	24·98
−4	24·80	24·62	24·44	24·26	24·08	23·90	23·72	23·54	23·36	23·18
−5	23·00	22·82	22·64	22·46	22·28	22·10	21·92	21·74	21·56	21·38
−6	21·20	21·02	20·84	20·66	20·48	20·30	20·12	19·94	19·76	19·58
−7	19·40	19·22	19·04	18·86	18·68	18·50	18·32	18·14	17·96	17·78
−8	17·60	17·42	17·24	17·06	16·88	16·70	16·52	16·34	16·16	15·98
−9	15·80	15·62	15·44	15·26	15·08	14·90	14·72	14·54	14·36	14·18
−10	14·00	13·82	13·64	13·46	13·28	13·10	12·92	12·74	12·56	12·38
−11	12·20	12·02	11·84	11·66	11·48	11·30	11·12	10·94	10·76	10·58
−12	10·40	10·22	10·04	9·86	9·68	9·50	9·32	9·14	8·96	8·78
−13	8·60	8·42	8·24	8·06	7·88	7·70	7·52	7·34	7·16	6·98
−14	6·80	6·62	6·44	6·26	6·08	5·90	5·72	5·54	5·36	5·18
−15	5·00	4·82	4·64	4·46	4·28	4·10	3·92	3·74	3·56	3·38
−16	3·20	3·02	2·84	2·66	2·48	2·30	2·12	1·94	1·76	1·58
−17	1·40	1·22	1·04	0·86	0·68	0·50	0·32	0·14	−0·04	−0·22
−18	−0·40	−0·58	−0·76	−0·94	−1·12	−1·30	−1·48	−1·66	−1·84	−2·02
−19	−2·20	−2·38	−2·56	−2·74	−2·92	−3·10	−3·28	−3·46	−3·64	−3·82
−20	−4·00	−4·18	−4·36	−4·54	−4·72	−4·90	−5·08	−5·26	−5·44	−5·62
−21	−5·80	−5·98	−6·16	−6·34	−6·52	−6·70	−6·88	−7·06	−7·24	−7·42
−22	−7·60	−7·78	−7·96	−8·14	−8·32	−8·50	−8·68	−8·86	−9·04	−9·22
−23	−9·40	−9·58	−9·76	−9·94	−10·12	−10·30	−10·48	−10·66	−10·84	−11·02
−24	−11·20	−11·38	−11·56	−11·74	−11·92	−12·10	−12·28	−12·46	−12·64	−12·82
−25	−13·00	−13·18	−13·36	−13·54	−13·72	−13·90	−14·08	−14·26	−14·44	−14·62

APPENDIX I—*continued*

Conversion table—degrees Celsius to degrees Fahrenheit

°C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
	degrees Fahrenheit									
−26	−14·80	−14·98	−15·16	−15·34	−15·52	−15·70	−15·88	−16·06	−16·24	−16·42
−27	−16·60	−16·78	−16·96	−17·14	−17·32	−17·50	−17·68	−17·86	−18·04	−18·22
−28	−18·40	−18·58	−18·76	−18·94	−19·12	−19·30	−19·48	−19·66	−19·84	−20·02
−29	−20·20	−20·38	−20·56	−20·74	−20·92	−21·10	−21·28	−21·46	−21·64	−21·82
−30	−22·00	−22·18	−22·36	−22·54	−22·72	−22·90	−23·08	−23·26	−23·44	−23·62
−31	−23·80	−23·98	−24·16	−24·34	−24·52	−24·70	−24·88	−25·06	−25·24	−25·42
−32	−25·60	−25·78	−25·96	−26·14	−26·32	−26·50	−26·68	−26·86	−27·04	−27·22
−33	−27·40	−27·58	−27·76	−27·94	−28·12	−28·30	−28·48	−28·66	−28·84	−29·02
−34	−29·20	−29·38	−29·56	−29·74	−29·92	−30·10	−30·28	−30·46	−30·64	−30·82
−35	−31·00	−31·18	−31·36	−31·54	−31·72	−31·90	−32·08	−32·26	−32·44	−32·62
−36	−32·80	−32·98	−33·16	−33·34	−33·52	−33·70	−33·88	−34·06	−34·24	−34·42
−37	−34·60	−34·78	−34·96	−35·14	−35·32	−35·50	−35·68	−35·86	−36·04	−36·22
−38	−36·40	−36·58	−36·76	−36·94	−37·12	−37·30	−37·48	−37·66	−37·84	−38·02
−39	−38·20	−38·38	−38·56	−38·74	−38·92	−39·10	−39·28	−39·46	−39·64	−39·82
−40	−40·00	−40·18	−40·36	−40·54	−40·72	−40·90	−41·08	−41·26	−41·44	−41·62
−41	−41·80	−41·98	−42·16	−42·34	−42·52	−42·70	−42·88	−43·06	−43·24	−43·42
−42	−43·60	−43·78	−43·96	−44·14	−44·32	−44·50	−44·68	−44·86	−45·04	−45·22
−43	−45·40	−45·58	−45·76	−45·94	−46·12	−46·30	−46·48	−46·66	−46·84	−47·02
−44	−47·20	−47·38	−47·56	−47·74	−47·92	−48·10	−48·28	−48·46	−48·64	−48·82
−45	−49·00	−49·18	−49·36	−49·54	−49·72	−49·90	−50·08	−50·26	−50·44	−50·62
−46	−50·80	−50·98	−51·16	−51·34	−51·52	−51·70	−51·88	−52·06	−52·24	−52·42
−47	−52·60	−52·78	−52·96	−53·14	−53·32	−53·50	−53·68	−53·86	−54·04	−54·22
−48	−54·40	−54·58	−54·76	−54·94	−55·12	−55·30	−55·48	−55·66	−55·84	−56·08
−49	−56·20	−56·38	−56·56	−56·74	−56·92	−57·10	−57·28	−57·46	−57·64	−57·82
−50	−58·00	−58·18	−58·36	−58·54	−58·72	−58·90	−59·08	−59·26	−59·44	−59·62
−51	−59·80	−59·98	−60·16	−60·34	−60·52	−60·70	−60·88	−61·06	−61·24	−61·42
−52	−61·60	−61·78	−61·96	−62·14	−62·32	−62·50	−62·68	−62·86	−63·04	−63·22
−53	−63·40	−63·58	−63·76	−63·94	−64·12	−64·30	−64·48	−64·66	−64·84	−65·02
−54	−65·20	−65·38	−65·56	−65·74	−65·92	−66·10	−66·28	−66·46	−66·64	−66·82
−55	−67·00	−67·18	−67·36	−67·54	−67·72	−67·90	−68·08	−68·26	−68·44	−68·62
−56	−68·80	−68·98	−69·16	−69·34	−69·52	−69·70	−69·88	−70·06	−70·24	−70·42
−57	−70·60	−70·78	−70·96	−71·14	−71·32	−71·50	−71·68	−71·86	−72·04	−72·22
−58	−72·40	−72·58	−72·76	−72·94	−73·12	−73·30	−73·48	−73·66	−73·84	−74·02
−59	−74·20	−74·38	−74·56	−74·74	−74·92	−75·10	−75·28	−75·46	−75·64	−75·82
−60	−76·00	−76·18	−76·36	−76·54	−76·72	−76·90	−77·08	−77·26	−77·44	−77·62
−61	−77·80	−77·98	−78·16	−78·34	−78·52	−78·70	−78·88	−79·06	−79·24	−79·42
−62	−79·60	−79·78	−79·96	−80·14	−80·32	−80·50	−80·68	−80·86	−81·04	−81·22
−63	−81·40	−81·58	−81·76	−81·94	−82·12	−82·30	−82·48	−82·66	−82·84	−83·02
−64	−83·20	−83·38	−83·56	−83·74	−83·92	−84·10	−84·28	−84·46	−84·64	−84·82
−65	−85·00	−85·18	−85·36	−85·54	−85·72	−85·90	−86·08	−86·26	−86·44	−86·62
−66	−86·80	−86·98	−87·16	−87·34	−87·52	−87·70	−87·88	−88·06	−88·24	−88·42
−67	−88·60	−88·78	−88·96	−89·14	−89·32	−89·50	−89·68	−89·86	−90·04	−90·22
−68	−90·40	−90·58	−90·76	−90·94	−91·12	−91·30	−91·48	−91·66	−91·84	−92·02
−69	−92·20	−92·38	−92·56	−92·74	−92·92	−93·10	−93·28	−93·46	−93·64	−93·82
−70	−94·00	−94·18	−94·36	−94·54	−94·72	−94·90	−95·08	−95·26	−95·44	−95·62

Conversion table—degrees Celsius to degrees Fahrenheit

°C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
					degrees Fahrenheit					
−71	−95·80	−95·98	−96·16	−96·34	−96·52	−96·70	−96·88	−97·06	−97·24	−97·42
−72	−97·60	−97·78	−97·96	−98·14	−98·32	−98·50	−98·68	−98·86	−99·04	−99·22
−73	−99·40	−99·58	−99·76	−99·94	−100·12	−100·30	−100·48	−100·66	−100·84	−101·02
−74	−101·20	−101·38	−101·56	−101·74	−101·92	−102·10	−102·28	−102·46	−102·64	−102·82
−75	−103·00	−103·18	−103·36	−103·54	−103·72	−103·90	−104·08	−104·26	−104·44	−104·62
−76	−104·80	−104·98	−105·16	−105·34	−105·52	−105·70	−105·88	−106·06	−106·24	−106·42
−77	−106·60	−106·78	−106·96	−107·14	−107·32	−107·50	−107·68	−107·86	−108·04	−108·22
−78	−108·40	−108·58	−108·76	−108·94	−109·12	−109·30	−109·48	−109·66	−109·84	−110·02
−79	−110·20	−110·38	−110·56	−110·74	−110·92	−111·10	−111·28	−111·46	−111·64	−111·82
−80	−112·00	−112·18	−112·36	−112·54	−112·72	−112·90	−113·08	−113·26	−113·44	−113·62
−81	−113·80	−113·98	−114·16	−114·34	−114·52	−114·70	−114·88	−115·06	−115·24	−115·42
−82	−115·60	−115·78	−115·96	−116·14	−116·32	−116·50	−116·68	−116·86	−117·04	−117·22
−83	−117·40	−117·58	−117·76	−117·94	−118·12	−118·30	−118·48	−118·66	−118·84	−119·02
−84	−119·20	−119·38	−119·56	−119·74	−119·92	−120·10	−120·28	−120·46	−120·64	−120·82
−85	−121·00	−121·18	−121·36	−121·54	−121·72	−121·90	−122·08	−122·26	−122·44	−122·62
−86	−122·80	−122·98	−123·16	−123·34	−123·52	−123·70	−123·88	−124·06	−124·24	−124·42
−87	−124·60	−124·78	−124·96	−125·14	−125·32	−125·50	−125·68	−125·86	−126·04	−126·22
−88	−126·40	−126·58	−126·76	−126·94	−127·12	−127·30	−127·48	−127·66	−127·84	−128·02
−89	−128·20	−128·38	−128·56	−128·74	−128·92	−129·10	−129·28	−129·46	−129·64	−129·82
−90	−130·00	−130·18	−130·36	−130·54	−130·72	−130·90	−131·08	−131·26	−131·44	−131·62

Differences in degrees Celsius to differences in degrees Fahrenheit

deg C	·0	·1	·2	·3	·4	·5	·6	·7	·8	·9
					degrees Fahrenheit					
0	0·00	0·18	0·36	0·54	0·72	0·90	1·08	1·26	1·44	1·62
1	1·80	1·98	2·16	2·34	2·52	2·70	2·88	3·06	3·24	3·42
2	3·60	3·78	3·96	4·14	4·32	4·50	4·68	4·86	5·04	5·22
3	5·40	5·58	5·76	5·94	6·12	6·30	6·48	6·66	6·84	7·02
4	7·20	7·38	7·56	7·74	7·92	8·10	8·28	8·46	8·64	8·82
5	9·00	9·18	9·36	9·54	9·72	9·90	10·08	10·26	10·44	10·62
6	10·80	10·98	11·16	11·34	11·52	11·70	11·88	12·06	12·24	12·42
7	12·60	12·78	12·96	13·14	13·32	13·50	13·68	13·86	14·04	14·22
8	14·40	14·58	14·76	14·94	15·12	15·30	15·48	15·66	15·84	16·02
9	16·20	16·38	16·56	16·74	16·92	17·10	17·28	17·46	17·64	17·82

APPENDIX II

Conversion table—millimetres to inches

Millimetres	0	1	2	3	4	5	6	7	8	9
					inches					
0	0·00	0·04	0·08	0·12	0·16	0·20	0·24	0·28	0·31	0·35
10	0·39	0·43	0·47	0·51	0·55	0·59	0·63	0·67	0·71	0·75
20	0·79	0·83	0·87	0·91	0·94	0·98	1·02	1·06	1·10	1·14
30	1·18	1·22	1·26	1·30	1·34	1·38	1·42	1·46	1·50	1·54
40	1·57	1·61	1·65	1·69	1·73	1·77	1·81	1·85	1·89	1·93
50	1·97	2·01	2·05	2·09	2·13	2·17	2·20	2·24	2·28	2·32
60	2·36	2·40	2·44	2·48	2·52	2·56	2·60	2·64	2·68	2·72
70	2·76	2·80	2·83	2·87	2·91	2·95	2·99	3·03	3·07	3·11
80	3·15	3·19	3·23	3·27	3·31	3·35	3·39	3·43	3·46	3·50
90	3·54	3·58	3·62	3·66	3·70	3·74	3·78	3·82	3·86	3·90

Millimetres	0	10	20	30	40	50	60	70	80	90
					inches					
100	3·94	4·33	4·72	5·12	5·51	5·91	6·30	6·69	7·09	7·48
200	7·87	8·27	8·66	9·06	9·45	9·84	10·24	10·63	11·02	11·42
300	11·81	12·20	12·60	12·99	13·39	13·78	14·17	14·57	14·96	15·35
400	15·75	16·14	16·53	16·93	17·32	17·72	18·11	18·50	18·90	19·29
500	19·69	20·08	20·47	20·87	21·26	21·65	22·05	22·44	22·83	23·23
600	23·62	24·02	24·41	24·80	25·20	25·59	25·98	26·38	26·77	27·17
700	27·56	27·95	28·35	28·74	29·13	29·53	29·92	30·31	30·71	31·10
800	31·50	31·89	32·28	32·68	33·07	33·46	33·86	34·25	34·65	35·04
900	35·43	35·83	36·22	36·61	37·01	37·40	37·79	38·19	38·58	38·98
1000	39·37	39·76	40·16	40·55	40·94	41·34	41·73	42·13	42·52	42·91

Millimetres	0	100	200	300	400	500	600	700	800	900
					inches					
1 000	39·37	43·31	47·24	51·18	55·12	59·05	62·99	66·93	70·87	74·80
2 000	78·74	82·68	86·61	90·55	94·49	98·43	102·36	106·30	110·24	114·17
3 000	118·11	122·05	125·98	129·92	133·86	137·79	141·73	145·67	149·61	153·54
4 000	157·48	161·42	165·35	169·29	173·23	177·17	181·10	185·04	188·98	192·91
5 000	196·85	200·79	204·72	208·66	212·60	216·54	220·47	224·41	228·35	232·28
6 000	236·22	240·16	244·09	248·03	251·97	255·91	259·84	263·78	267·72	271·65
7 000	275·59	279·53	283·46	287·40	291·34	295·28	299·21	303·15	307·09	311·02
8 000	314·96	318·90	322·83	326·77	330·71	334·64	338·58	342·52	346·46	350·39
9 000	354·33	358·27	362·20	366·14	370·08	374·02	377·95	381·89	385·83	389·76
10 000	393·70	397·64	401·57	405·51	409·45	413·39	417·32	421·26	425·20	429·13

APPENDIX III

Conversion table—metres to feet

Metres	0	1	2	3	4	5	6	7	8	9
					feet					
0	0·0	3·3	6·6	9·8	13·1	16·4	19·7	23·0	26·3	29·5
10	32·8	36·1	39·4	42·7	45·9	49·2	52·5	55·8	59·1	62·3
20	65·6	68·9	72·2	75·5	78·7	82·0	85·3	88·6	91·9	95·1
30	98·4	101·7	105·0	108·3	111·5	114·8	118·1	121·4	124·7	127·9
40	131·2	134·5	137·8	141·1	144·4	147·6	150·9	154·2	157·5	160·8
50	164·0	167·3	170·6	173·9	177·2	180·5	183·7	187·0	190·3	193·6
60	196·9	200·1	203·4	206·7	210·0	213·3	216·5	219·8	223·1	226·4
70	229·7	232·9	236·2	239·5	242·8	246·1	249·3	252·6	255·9	259·2
80	262·5	265·7	269·0	272·3	275·6	278·9	282·1	285·4	288·7	292·0
90	295·3	298·6	301·8	305·1	308·4	311·7	315·0	318·2	321·5	324·8

Metres	0	10	20	30	40	50	60	70	80	90
					feet					
100	328·1	360·9	393·7	426·5	459·3	492·1	524·9	557·7	590·5	623·4
200	656·2	689·0	721·8	754·6	787·4	820·2	853·0	885·8	918·6	951·4
300	984·3	1017·1	1049·9	1082·7	1115·5	1148·3	1181·1	1213·9	1246·7	1279·5
400	1312·3	1345·1	1377·9	1410·8	1443·6	1476·4	1509·2	1542·0	1574·8	1607·6
500	1640·4	1673·2	1706·0	1738·8	1771·6	1804·5	1837·3	1870·1	1902·9	1935·7
600	1968·5	2001·3	2034·1	2066·9	2099·7	2132·5	2165·3	2198·2	2231·0	2263·8
700	2296·6	2329·4	2362·2	2395·0	2427·8	2460·6	2493·4	2526·2	2559·0	2591·9
800	2624·7	2657·5	2690·3	2723·1	2755·9	2788·7	2821·5	2854·3	2887·1	2919·9
900	2952·7	2985·6	3018·4	3051·2	3084·0	3116·8	3149·6	3182·4	3215·2	3248·0
1000	3280·8	3313·6	3346·4	3379·3	3412·1	3444·9	3477·7	3510·5	3543·3	3576·1

Metres	0	100	200	300	400	500	600	700	800	900
					feet					
1000	3 280·8	3 608·9	3 937·0	4 265·1	4 593·2	4 921·2	5 249·3	5 577·4	5 905·5	6 233·6
2000	6 561·7	6 889·7	7 217·8	7 545·9	7 874·0	8 202·1	8 530·2	8 858·2	9 186·3	9 514·4
3000	9 842·5	10 170·6	10 498·7	10 826·7	11 154·8	11 482·9	11 811·0	12 139·1	12 467·2	12 795·2
4000	13 123·3	13 451·4	13 779·5	14 107·6	14 435·7	14 763·7	15 091·8	15 419·9	15 748·0	16 076·1
5000	16 404·2	16 732·3	17 060·4	17 388·5	17 716·5	18 044·6	18 372·7	18 700·8	19 028·9	19 357·0

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